7/15/86 SL270-1

Ohio
Labor
Market
Information

Labor Market Review

1985 Annual Summary

Summary. In 1985, Ohio's employment continued its post-recession expansion, although at a slower rate than the recovery from 1983 to 1984. By the end of the year, the State had not yet regained 1979 prerecession employment levels. Largest increases over the year, 1984 to 1985, occurred in services and retail trade, although important gains were also reported in transportation equipment manufacturing. The percentage of workers in manufacturing declined in 1985, reflecting a nationwide shift in employment from goods-producing to service-producing industries. (See table, below.)

PERCENT OF EMPLOYMENT
IN NONAGRICULTURAL WAGE AND SALARY DIVISIONS
OHIO AND U.S., 1979, 1983, AND 1985

	OHIO			U.S.		
INDUSTRY	1979	1983	1985	1979	1983	1985
TOTAL	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
GOODS PRODUCING	**35.6**	**29.9**	**29.7**	**29.5**	**25.9**	**25.7**
Mining	7	.7	.6	1.1	1.1	1.0
Construction	4.1	3.2	3.5	5.0	4.4	4.8
Manufacturing	30.8	26.0	25.6	23.4	20.4	19.9
SERVICE PRODUCING	**64.4**	**70.1**	**70.2**	**70.6**	**74.1**	**74.3**
Transportation and Public Utilities	5.2	4.9	4.6	5.7	5.5	5.4
Wholesale Trade	5.2	5.4	5.6	5.8	5.8	5.9
Retail Trade	16.5	17.4	18.0	16.7	17.3	17.8
Finance, Insurance, and Real Estate	4.5	5.1	5.0	5.5	6.1	6.1
Services	18.0	21.3	21.8	19.1	21.8	22.4
Government	15.0	16.0	15.2	17.8	17.6	16.7

Labor Force. After successive declines in 1983 and 1984, Ohio's civilian labor force increased .8 percent in 1985 to reach an all-time high of 5,130,000. The U.S. civilian labor force grew 1.7 percent from 1984 to 1985. (See table, page 2.)

Total Employment. There were 66,000 more people employed in Ohio in 1985 than in 1984, a gain of 1.4 percent. The total employment figure of 4,675,000 was the highest since 1979, although this year's level was still 1.8 percent below the 1979 level.

Ohio Bureau of Employment Services
Richard F. Celeste, Governor   Dr. Roberta Steinbacher, Administrator

CIVILIAN LABOR FORCE ESTIMATES FOR OHIO AND THE U.S.

(Employed and Unemployed In Thousands)

OHIO				YEAR	UNITED STATES			
CIVILIAN LABOR FORCE					CIVILIAN LABOR FORCE			
	EMPLOYMENT					EMPLOYMENT		
		UNEMPLOYMENT					UNEMPLOYMENT	
		TOTAL	RATE				TOTAL	RATE
4416	4130	286	6.5	1971	84382	79367	5016	5.9
4510	4261	249	5.5	1972	87034	82153	4882	5.6
4621	4423	198	4.3	1973	89429	85064	4365	4.9
4708	4483	225	4.8	1974	91949	86794	5156	5.6
4723	4294	429	9.1	1975	93775	85846	7929	8.5
4751	4380	370	7.8	1976	96158	88752	7406	7.7
4833	4520	312	6.5	1977	99009	92017	6991	7.1
4959	4690	268	5.4	1978	102251	96048	6202	6.1
5059	4760	299	5.9	1979	104962	98824	6137	5.8
5089	4663	426	8.4	1980	106940	99303	7637	7.1
5100	4608	492	9.6	1981	108670	100397	8273	7.6
5114	4474	640	12.5	1982	110204	99526	10678	9.7
5099	4478	621	12.2	1983	111550	100834	10717	9.6
5089	4609	480	9.4	1984	113544	105005	8539	7.5
5130	4675	455	8.9	1985	115461	107150	8312	7.2

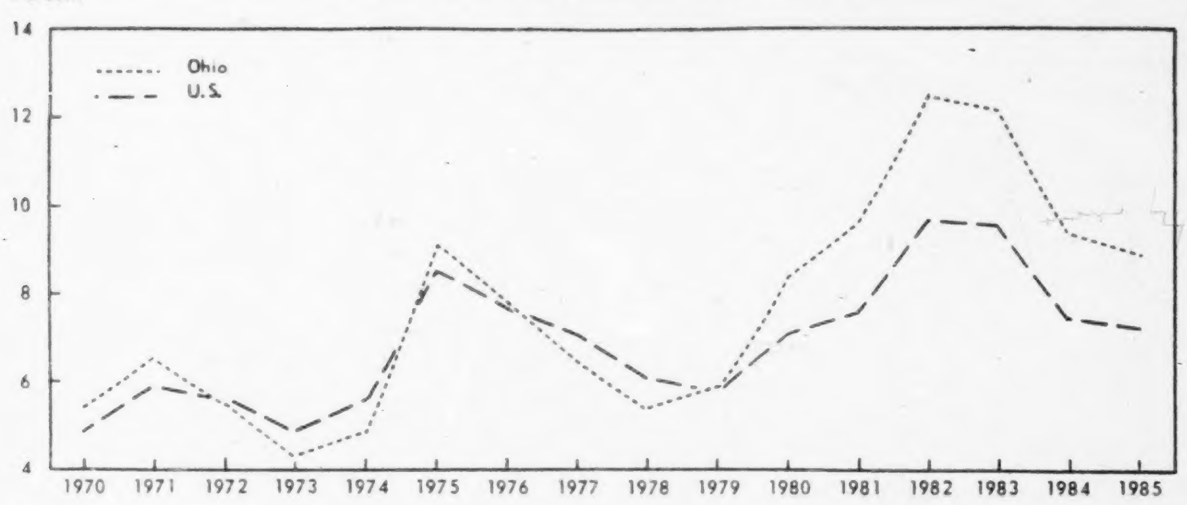
Unemployment. The annual average unemployment rate in Ohio fell from 9.4 percent in 1984 to 8.9 percent in 1985, its lowest point since 1980. The national unemployment rate was also down, from 1984's 7.5 percent to 7.2 percent in 1985. Among all states, Ohio tied with Alabama with the eighth highest unemployment rate in 1985. There were 455,000 unemployed workers in Ohio in 1985, 25,000 fewer than in 1984. Ohio's unemployment rate in 1982, at 12.5 percent, was 2.8 percentage points above the national rate. In 1985, the difference dropped to 1.7 percentage points, indicating that Ohio is slowly but steadily recovering from the 1982 recession.

Nonagricultural Wage and Salary Employment. Nonfarm employment in Ohio rose 2.8 percent from 1984 to 1985. Actual employment, at 4,379,000 in 1985, was 119,000 above the 1984 level of 4,260,000, but 106,000 below 1979's peak. Except for small decreases in mining and in transportation and public utilities, employment in all nonmanufacturing industries increased in 1985. Losses in durable-goods industries, however, lowered manufacturing employment by nearly 4,000.

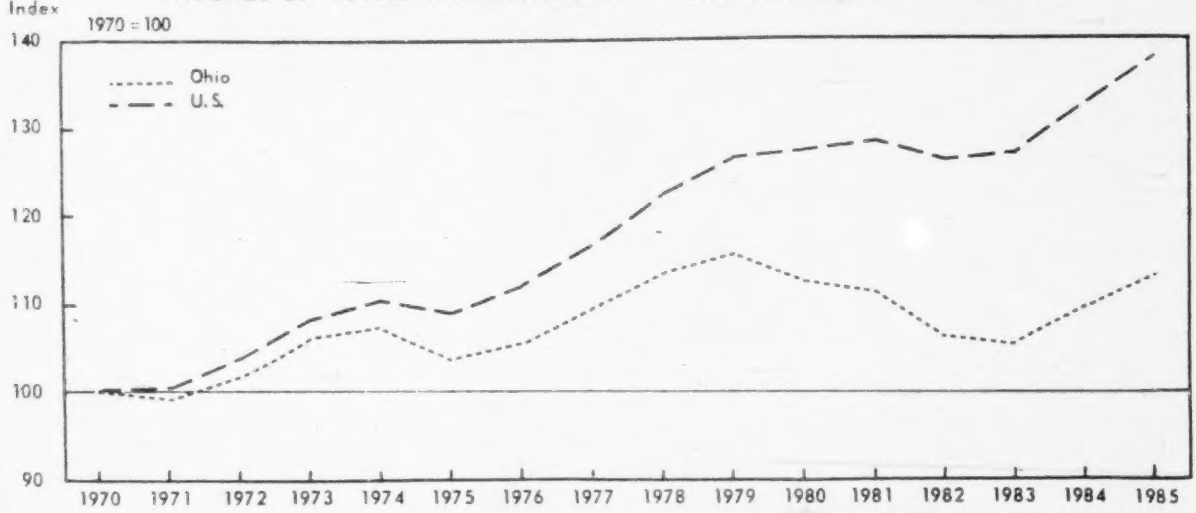
TABLE OF CONTENTS

Page
Ohio Summary 1
Seasonally Adjusted Nonagricultural Wage and Salary Employment Data and Graphs, 1970-1985 6
Nonagricultural Wage and Salary Employment Graph 21
Nonagricultural Wage and Salary Employment and Hours and Earnings Tables 22
The Ohio Labor Force, 1985 37
Metropolitan Area Statistics
  Akron PMSA 38
  Canton MSA 48
  Cincinnati PMSA 58
  Cleveland PMSA 70
  Columbus MSA 84
  Dayton-Springfield MSA 96
  Toledo MSA 108
  Youngstown-Warren MSA 120
Seasonal Adjustment Methodology 130
Technical Notes 131

OHIO AND U.S. UNEMPLOYMENT RATES



INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



OHIO EMPLOYMENT CHANGES, 1984-1985

INDUSTRY	1985 Employment (in thousands)	Employment Change From 1984 (in thousands)	Percent Change From 1984
TOTAL	4378.6	118.4	2.8
Manufacturing	1123.1	- 3.9	- .3
Durable Goods	769.1	- 4.3	- .6
Nondurable Goods	354.0	.4	.1
Nonmanufacturing	3255.5	122.3	3.9
Mining	26.4	- 1.4	-5.2
Construction	154.1	9.3	6.4
Transportation and Public Utilities	202.5	- 1.4	- .7
Wholesale Trade	246.5	9.8	4.1
Retail Trade	789.8	41.8	5.6
Finance, Insurance, and Real Estate	218.3	6.7	3.2
Services	953.3	48.1	5.3
Government	664.7	9.7	1.5

Growth Industries. The most rapidly growing industry in Ohio and the U.S. from 1984 to 1985 was business services (see table, below). Noteworthy expansion also was reported in eating and drinking places, special trade contracting, and auto dealerships and service stations. Only one of the nine most rapidly growing industries in Ohio was in manufacturing: transportation equipment. Wholesale trade-durable goods also had a greatly expanded workforce. New to the growth sector in 1985 were food stores, health services (with growth in inpatient nursing care facilities and doctors' and dentists' offices rather than in hospitals), and local government which had employment losses in 1984.

EMPLOYMENT GAINS AND LOSSES
Ohio and U.S., 1984-1985

	1985 Ohio Employment (in thousands)	1984-1985 Percent Change Ohio	1984-1985 Percent Change U.S.
Most Rapidly Growing Industries**			
Business Services	173.8	14.0	9.3
Eating and Drinking Places	276.6	7.3	5.3
Special Trade Contractors	95.1*	7.2	8.9
Auto Dealers and Service Stations	87.1*	6.3	5.0
Transportation Equipment	151.7*	4.7	4.4
Wholesale Trade-Durable Goods	156.8	4.5	4.4
Food Stores	125.6	4.3	6.5
Health Services, Except Hospitals	329.0	2.1	2.7
Local Government	430.2*	1.2	1.8
Declining Industries			
Railroads	17.0*	-8.6	-6.2
Bituminous Coal and Lignite Mining	10.9*	-6.8	-2.1
Oil and Gas Extraction	11.0	-6.0	.5
Primary Metal Industries	102.7*	-5.7	-5.0
Communication	49.5*	-5.0	-1.2
Stone, Clay, and Glass Products	50.4*	-4.0	.8
Furniture and Fixtures	14.6*	-3.9	1.9
Electric and Electronic Equipment	90.5*	-2.8	.0
Apparel and Other Textile Products	16.9*	-1.7	-2.9
Hospitals	166.2	-1.2	-1.0
Total, All Industries			
Manufacturing	1123.1*	- .3	.1
Nonmanufacturing	3255.5	3.9	4.3

*1985 employment is below 1979 level.

**Includes only employment sectors with changes exceeding 5,000 employees in Ohio.

Declining Industries. Between 1984 and 1985, the sector suffering the greatest employment declines in Ohio was transportation and public utilities. Railroads had an 8.6 percent loss; communications, a drop of 5.0 percent. Noteworthy losses were also recorded in bituminous coal and lignite mining and oil and gas extraction. Five manufacturing industries had significant declines over the period: primary metals; stone, clay, and glass products; furniture and fixtures; electric and electronic equipment; and apparel and other textile products. Employment in Ohio hospitals slipped down 1.2 percent during the year.

Losses and Recovery. Employment losses and gains for Ohio and U.S. industries during the 1979-1985 recession-recovery period are shown in the table, below. With the exceptions of services and finance, insurance, and real estate, all division-level sectors in the Ohio economy had employment losses during the 1979-1983 recessionary period. Most severe downturns occurred in durable-goods manufacturing—a total of 257,000 jobs were lost. Durable goods was also hardest hit nationwide. During the recovery period, 1983 to 1985, the State regained 73.0 percent of all nonagricultural wage and salary jobs, but only 18.0 percent of manufacturing employment. Due to the fact that Ohio employment is much more heavily concentrated in manufacturing than the nation as a whole, the recovery rate in Ohio manufacturing was much lower than the 38.1 percent U.S. manufacturing recovery rate.

OHIO EMPLOYMENT CHANGES AND RECOVERY RATES BY SELECTED INDUSTRY ANNUAL AVERAGES FOR 1979, 1983, AND 1985

Industry	Peak 1979	Trough 1983	Current 1985	Changes 1979-1983	Changes 1983-1985	Percent Recovery Ohio	Percent Recovery U.S.
TOTAL	**4485**	**4093**	**4379**	**-392**	**286**	**73.0**	**+**
Manufacturing	**1383**	**1066**	**1123**	**-317**	**57**	**18.0**	**38.1**
Durable Goods	981	724	769	-257	45	17.5	41.1
Nondurable Goods	402	342	354	- 60	12	20.0	27.3
Nonmanufacturing	**3103**	**3027**	**3256**	**- 76**	**229**	**301.3**	**+**
Mining	32	27	26	- 5	- 1	-	283.3
Construction	183	131	154	- 52	23	44.2	138.6
Transportation and Public Utilities	232	199	203	- 33	4	12.1	190.1
Wholesale Trade	233	223	247	- 10	24	240.0	+
Retail Trade	742	711	790	- 31	79	254.8	+
Finance, Insurance, and Real Estate	201	208	218	7	10	+	+
Services	806	873	953	67	80	+	+
Government	674	656	665	- 18	9	50.0	546.2

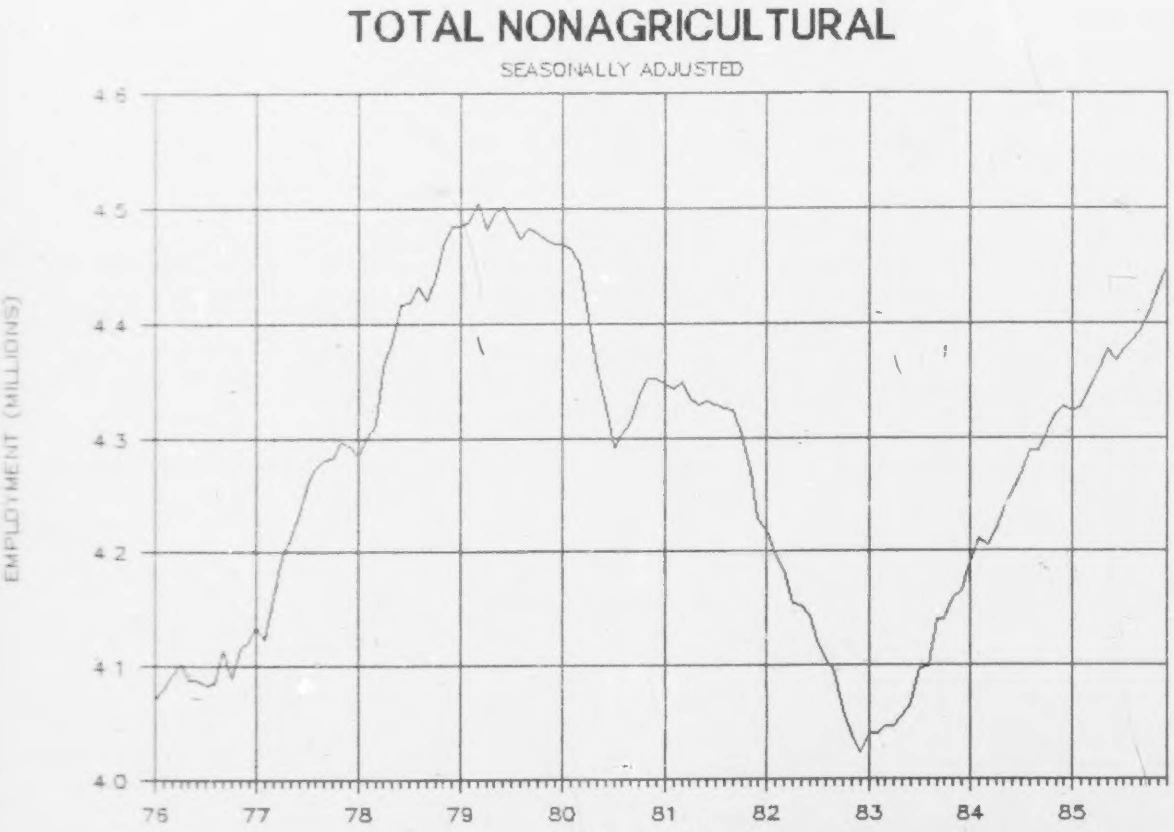
+ No downturn, 1979-1983.
- No upturn, 1983- 1985.

Conclusion. The state of Ohio has regained 73.0 percent, or 286,000, of the nearly 400,000 nonfarm wage and salary jobs lost between 1979 and 1983. Transportation equipment, one of the manufacturing industries hardest hit by the last recession, dropping from 165,800 employees in 1979 to 121,700 in 1982, has now recovered 30,000 of 44,000 lost jobs. Other manufacturing industries, recording losses from 1979 through 1984, continued to decline in 1985, especially primary metals, electric and electronic equipment, and stone, clay, and glass products. Following a pattern of overall improvement since 1982, employment in nonmanufacturing increased by 122,400 in 1985. New jobs in retail trade and services accounted for 73.4 percent of the improvement. Eating and drinking places and temporary help agencies expanded most.

OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

TOTAL NONAGRICULTURAL

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	4,071	4,080	4,093	4,102	4,089	4,089	4,083	4,085	4,114	4,090	4,116	4,123
1977	4,135	4,124	4,161	4,196	4,214	4,235	4,261	4,274	4,281	4,282	4,296	4,294
1978	4,285	4,302	4,312	4,363	4,384	4,417	4,418	4,432	4,420	4,441	4,468	4,485
1979	4,484	4,490	4,504	4,481	4,495	4,501	4,487	4,473	4,483	4,478	4,472	4,469
1980	4,469	4,464	4,452	4,404	4,362	4,327	4,292	4,303	4,314	4,336	4,351	4,352
1981	4,348	4,342	4,349	4,335	4,329	4,332	4,329	4,325	4,324	4,302	4,272	4,229
1982	4,219	4,200	4,183	4,154	4,153	4,144	4,123	4,105	4,094	4,061	4,039	4,023
1983	4,041	4,041	4,047	4,047	4,057	4,066	4,098	4,099	4,141	4,141	4,159	4,166
1984	4,189	4,212	4,206	4,219	4,236	4,253	4,267	4,288	4,289	4,306	4,321	4,327
1985	4,323	4,328	4,343	4,358	4,376	4,367	4,376	4,384	4,394	4,410	4,430	4,449



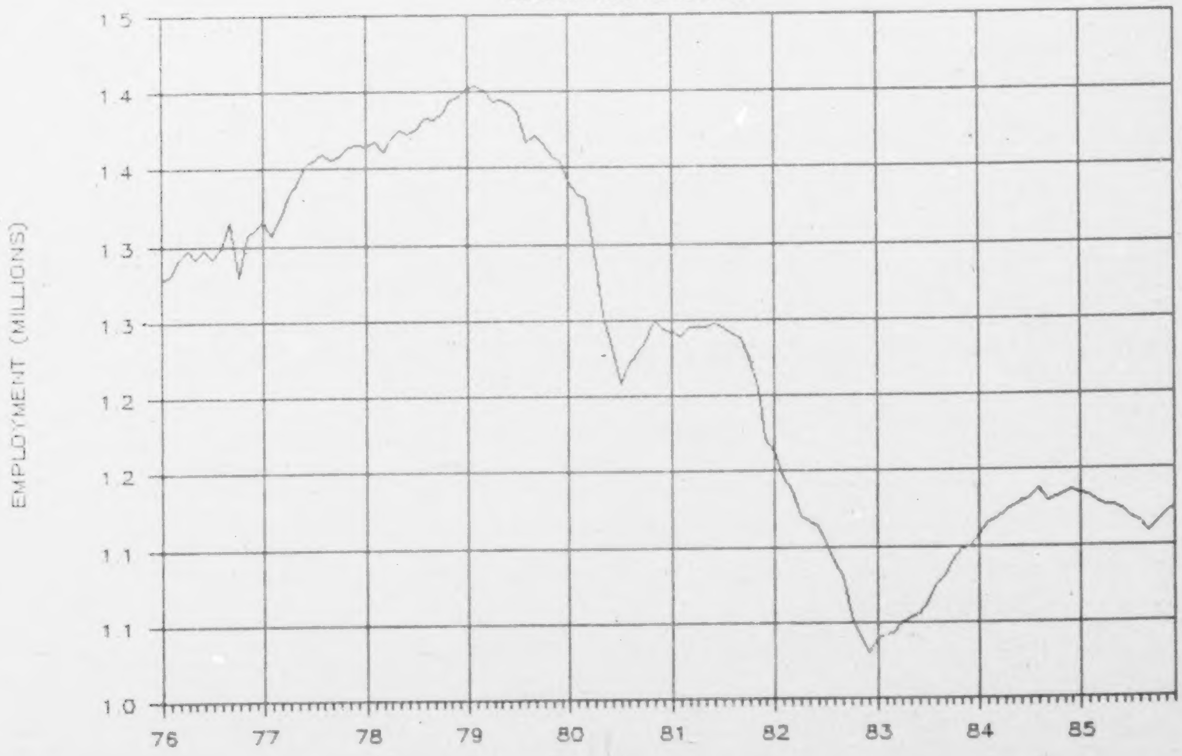
OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

TOTAL MANUFACTURING

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	1,278	1,282	1,292	1,298	1,292	1,297	1,291	1,298	1,316	1,281	1,306	1,311
1977	1,316	1,306	1,318	1,334	1,341	1,353	1,357	1,360	1,356	1,358	1,364	1,365
1978	1,364	1,368	1,361	1,369	1,374	1,373	1,376	1,383	1,381	1,387	1,394	1,397
1979	1,402	1,404	1,401	1,394	1,394	1,392	1,386	1,367	1,371	1,366	1,358	1,354
1980	1,342	1,334	1,329	1,295	1,253	1,233	1,209	1,220	1,228	1,237	1,250	1,245
1981	1,242	1,239	1,246	1,245	1,246	1,247	1,245	1,241	1,238	1,225	1,205	1,171
1982	1,163	1,146	1,138	1,121	1,117	1,114	1,104	1,090	1,081	1,055	1,041	1,030
1983	1,039	1,042	1,044	1,050	1,053	1,056	1,063	1,075	1,081	1,091	1,098	1,100
1984	1,108	1,116	1,118	1,123	1,126	1,129	1,133	1,138	1,130	1,132	1,135	1,137
1985	1,134	1,133	1,129	1,127	1,127	1,123	1,118	1,116	1,110	1,115	1,121	1,126

TOTAL MANUFACTURING

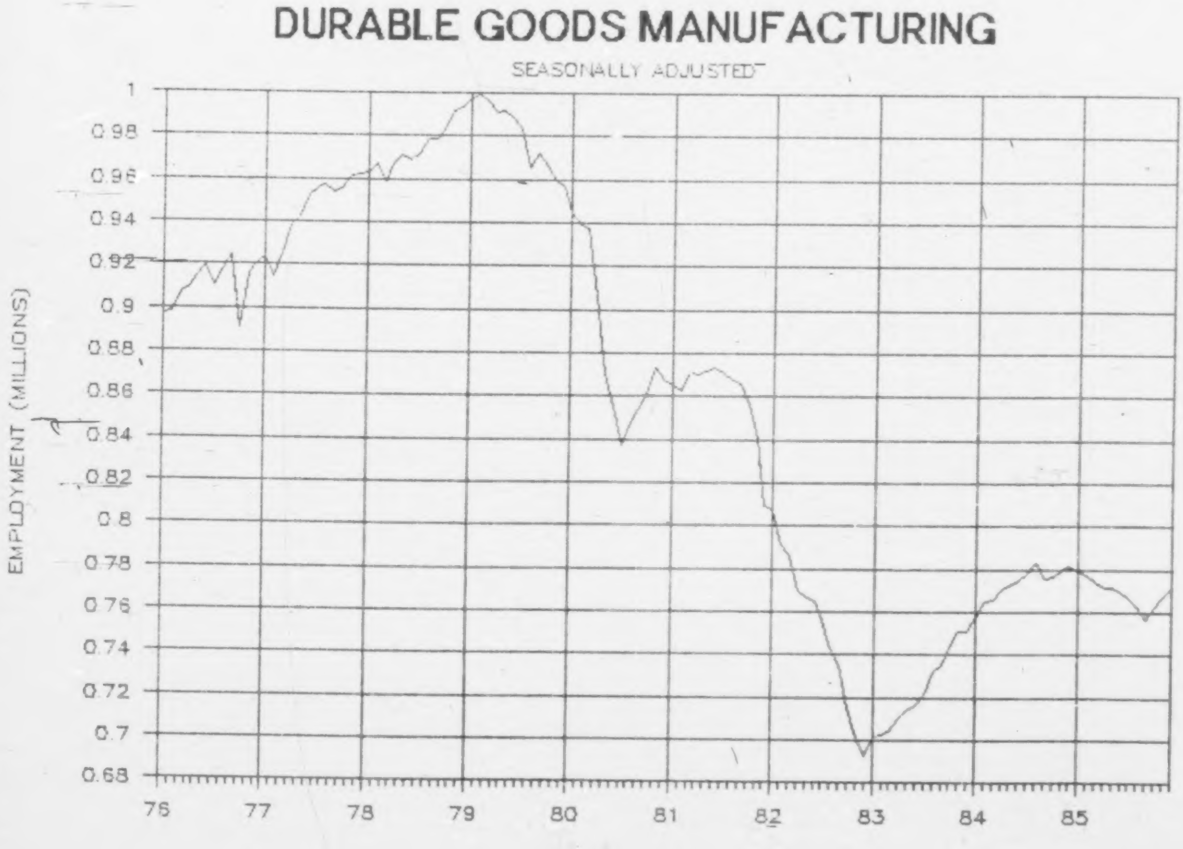
SEASONALLY ADJUSTED



OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

DURABLE GOODS MANUFACTURING

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	897	898	908	910	915	919	911	918	924	891	916	921
1977	924	914	925	938	942	953	955	957	954	956	962	962
1978	963	967	959	967	971	968	972	979	979	985	991	994
1979	998	999	996	991	991	989	983	966	972	967	959	956
1980	945	939	938	907	870	856	837	847	853	861	873	868
1981	865	863	871	870	872	874	871	868	866	856	840	809
1982	807	791	786	770	767	765	756	743	736	715	702	692
1983	702	702	704	710	714	716	721	732	735	744	751	751
1984	758	765	766	771	773	775	778	783	775	777	780	781
1985	779	778	774	772	772	769	767	763	757	763	767	772

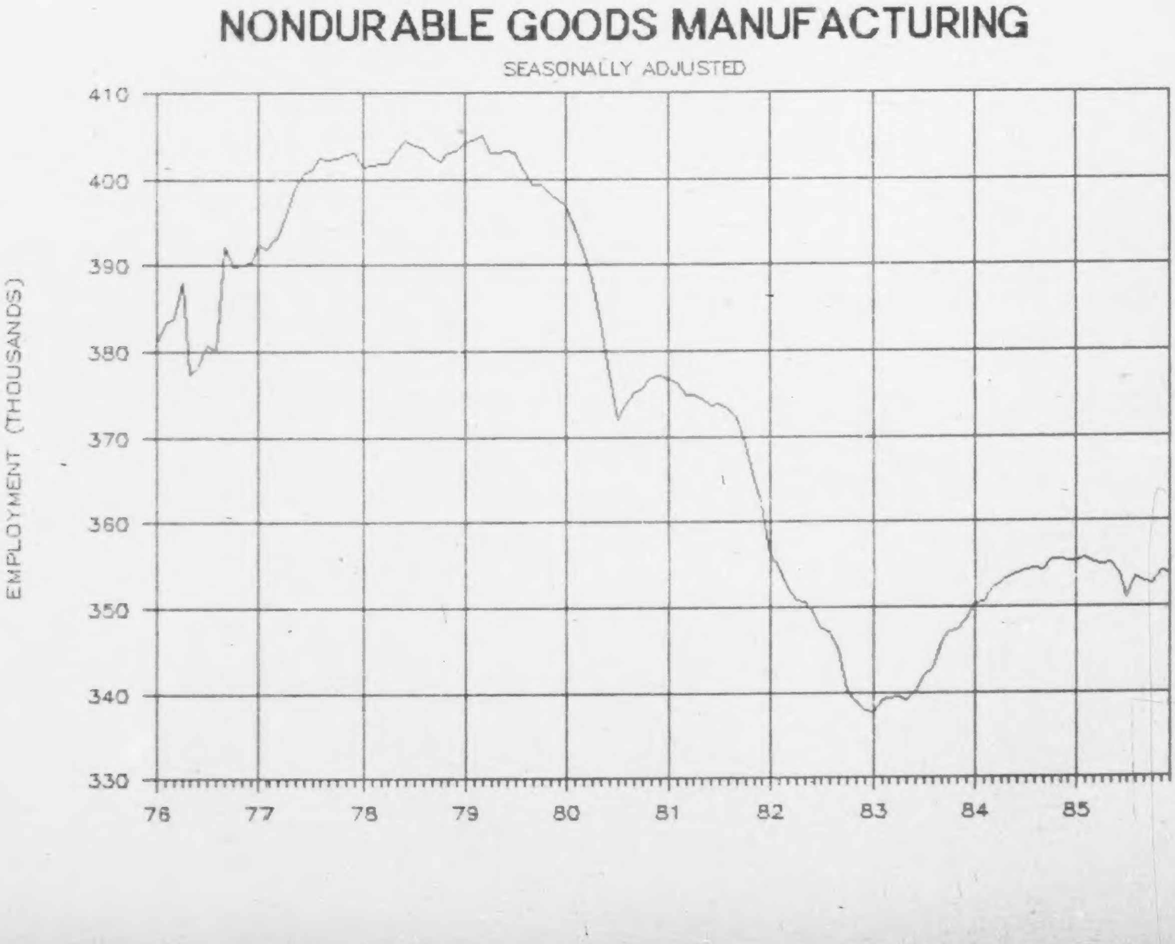

DURABLE GOODS MANUFACTURING

SEASONALLY ADJUSTED

OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

NONDURABLE GOODS MANUFACTURING

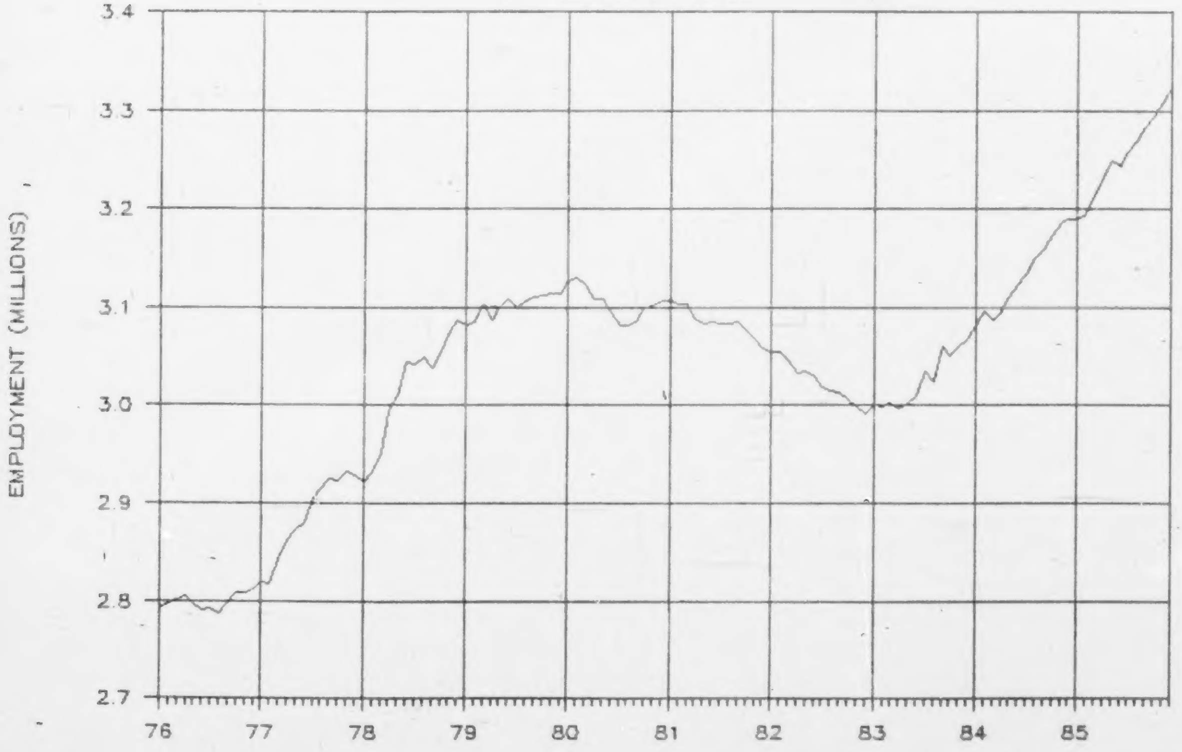
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	381	383	384	388	377	378	381	380	392	390	390	390
1977	392	392	393	396	399	401	401	402	402	402	403	403
1978	401	402	402	402	403	404	404	404	403	402	403	403
1979	404	404	405	403	403	403	403	401	399	399	398	398
1980	397	394	392	389	383	377	372	374	375	376	377	377
1981	377	376	375	375	374	374	374	373	372	369	365	362
1982	356	355	352	351	351	349	348	347	345	340	339	338
1983	338	339	339	340	339	340	342	343	346	347	347	349
1984	350	351	352	353	354	354	354	355	354	356	356	355
1985	355	356	355	355	355	354	351	353	353	353	354	354



OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

TOTAL NONMANUFACTURING

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	2,793	2,798	2,802	2,804	2,797	2,791	2,792	2,787	2,798	2,809	2,809	2,812
1977	2,819	2,818	2,842	2,862	2,873	2,881	2,905	2,914	2,925	2,924	2,932	2,929
1978	2,921	2,933	2,951	2,995	3,010	3,045	3,042	3,050	3,039	3,054	3,074	3,088
1979	3,082	3,086	3,103	3,087	3,100	3,109	3,100	3,107	3,111	3,113	3,115	3,115
1980	3,127	3,130	3,122	3,109	3,108	3,094	3,083	3,082	3,086	3,099	3,101	3,107
1981	3,106	3,103	3,103	3,090	3,083	3,085	3,084	3,084	3,086	3,077	3,067	3,058
1982	3,055	3,054	3,045	3,033	3,036	3,030	3,019	3,015	3,014	3,005	2,998	2,993
1983	3,001	2,999	3,003	2,997	3,003	3,010	3,035	3,024	3,060	3,051	3,061	3,066
1984	3,081	3,096	3,088	3,096	3,110	3,124	3,134	3,151	3,160	3,174	3,186	3,190
1985	3,189	3,195	3,213	3,231	3,249	3,244	3,259	3,268	3,284	3,294	3,309	3,323


TOTAL NONMANUFACTURING
SEASONALLY ADJUSTED

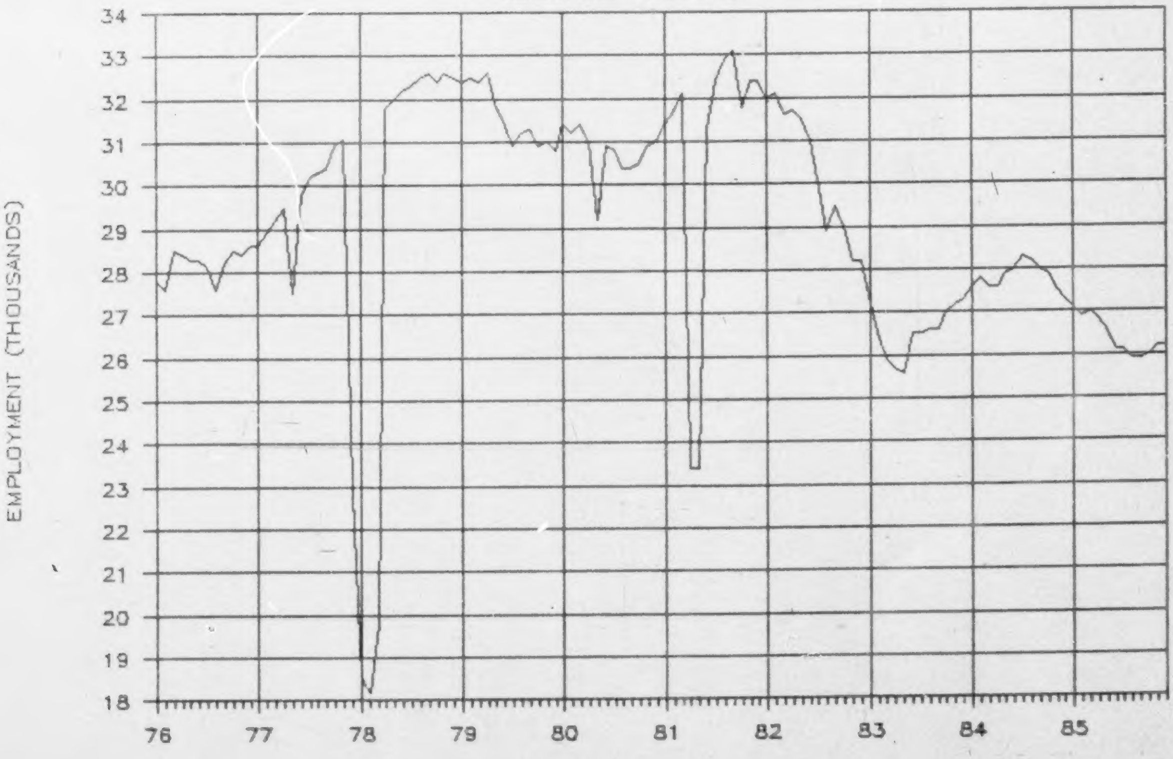
OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

MINING

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	28	28	29	28	28	28	28	28	28	29	28	29
1977	29	29	29	30	28	30	30	30	30	31	31	23
1978	19	18	20	32	32	32	32	33	33	32	33	33
1979	32	33	32	33	32	32	31	31	31	31	31	31
1980	31	31	31	31	29	31	31	30	30	31	31	31
1981	31	32	32	23	23	31	32	33	33	32	32	32
1982	32	32	32	32	32	31	30	29	30	29	28	28
1983	27	26	26	26	26	27	27	27	27	27	27	27
1984	28	28	28	28	28	28	28	28	28	28	28	27
1985	27	27	27	27	27	26	26	26	26	26	26	26

MINING

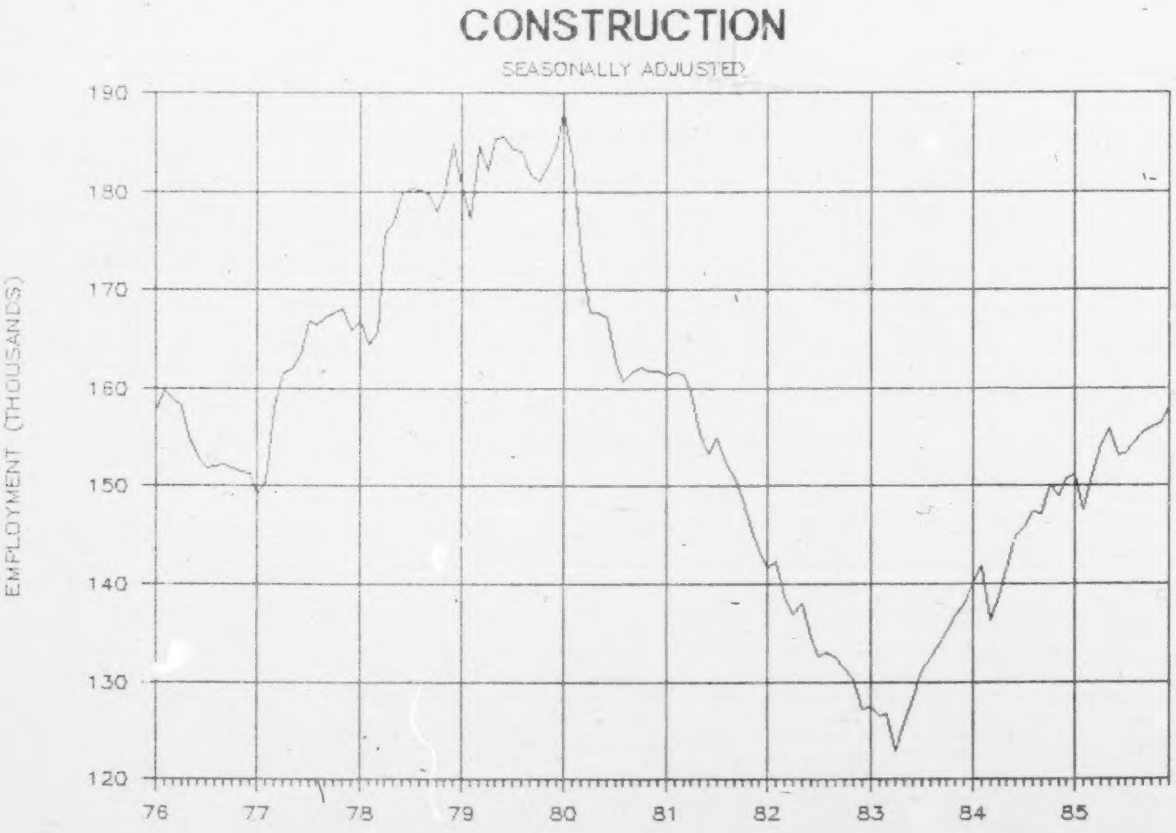
SEASONALLY ADJUSTED



OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

CONSTRUCTION

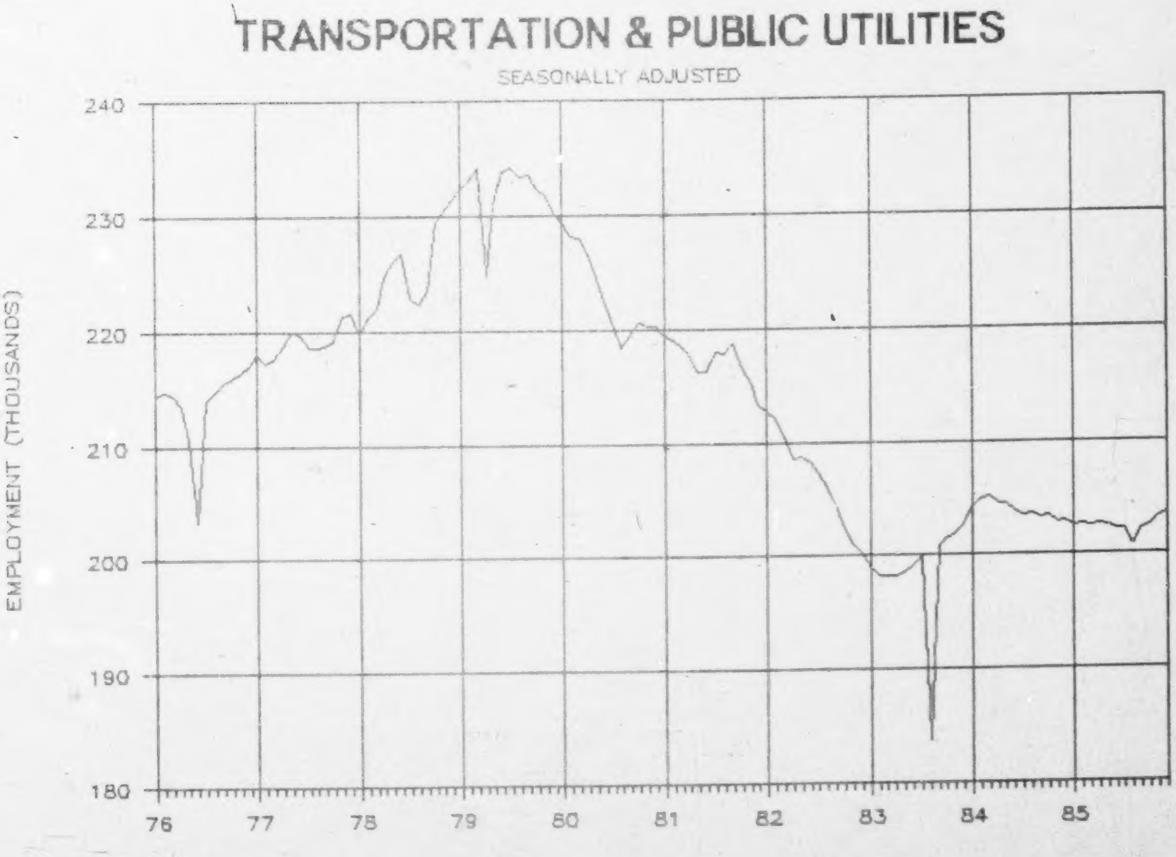
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	158	160	159	158	155	153	152	152	152	152	152	151
1977	149	151	158	162	162	163	167	167	167	168	168	166
1978	167	165	166	176	177	180	180	180	180	178	180	185
1979	181	177	185	182	185	186	184	184	182	181	183	185
1980	188	183	173	168	168	167	163	161	162	162	162	162
1981	162	162	162	160	155	153	155	153	151	149	146	144
1982	142	142	139	137	138	135	133	133	132	131	130	127
1983	128	127	127	123	126	128	131	133	134	135	137	138
1984	140	142	136	139	141	145	146	147	147	150	149	151
1985	151	148	151	154	156	153	153	155	155	156	156	158



OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

TRANSPORTATION & PUBLIC UTILITIES

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	214	215	214	214	211	203	214	215	216	216	216	217
1977	218	217	218	219	220	220	219	219	219	219	221	222
1978	220	221	222	225	226	227	223	222	224	230	230	231
1979	232	233	234	225	231	234	234	233	234	232	232	230
1980	229	228	228	227	225	222	220	219	220	221	220	220
1981	219	219	218	218	216	216	218	218	219	217	215	213
1982	213	212	211	209	209	208	207	206	205	202	201	200
1983	199	198	198	198	199	199	200	184	201	202	202	203
1984	204	205	205	205	205	204	204	204	203	204	203	203
1985	203	203	203	203	203	202	202	201	202	203	203	204



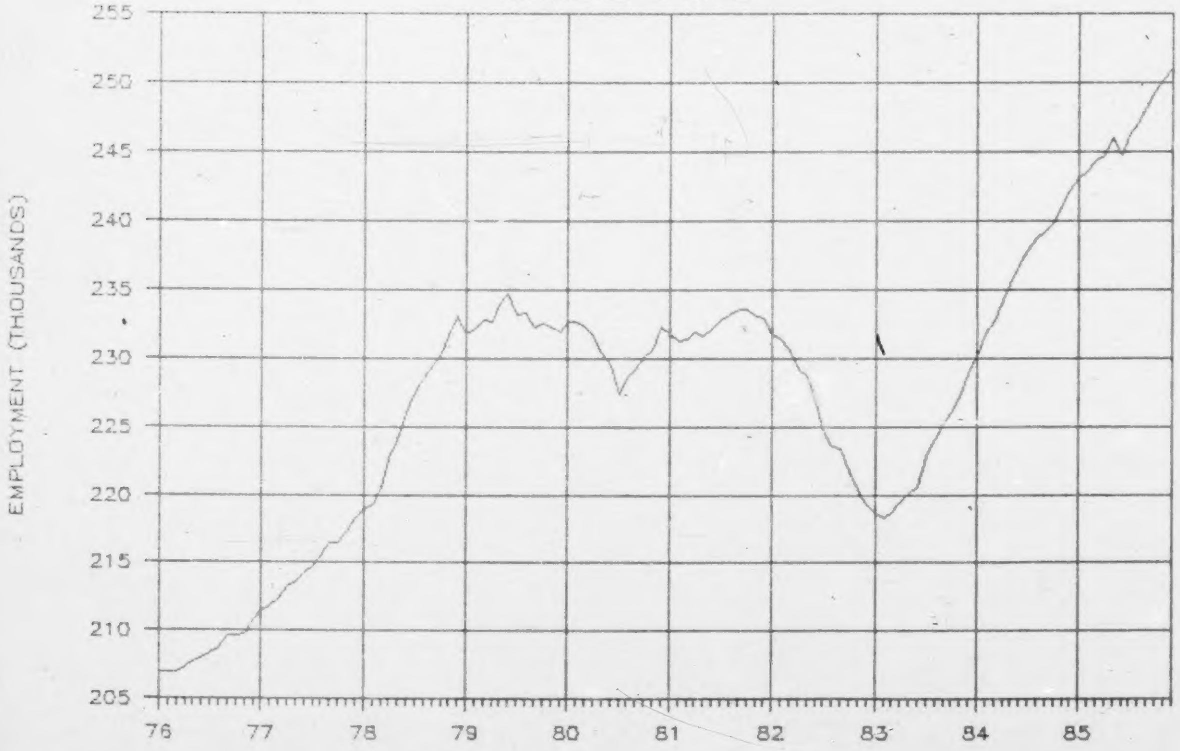
OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

WHOLESALE TRADE

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	207	207	207	207	208	208	208	209	210	210	210	211
1977	212	212	212	213	214	214	215	216	217	217	217	218
1978	219	219	220	223	224	226	228	229	230	230	232	233
1979	232	232	233	233	234	235	233	233	232	233	232	232
1980	233	233	232	232	230	229	227	229	229	230	231	232
1981	232	231	231	232	232	232	233	233	234	234	233	233
1982	232	231	231	229	229	227	225	224	223	222	220	219
1983	219	218	219	219	220	221	223	224	225	226	227	229
1984	230	232	233	234	235	237	238	239	239	240	241	242
1985	243	244	244	245	246	245	246	247	248	249	250	251

WHOLESALE TRADE

SEASONALLY ADJUSTED



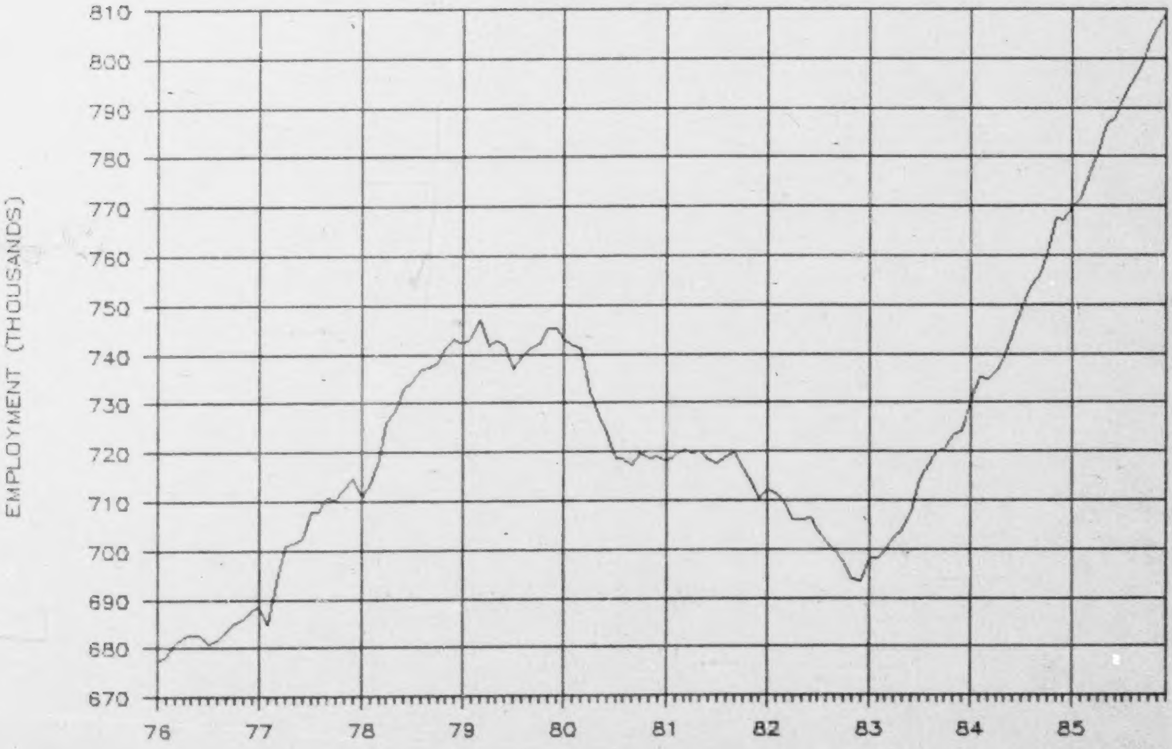
OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

RETAIL TRADE

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	677	679	681	682	683	683	681	682	683	685	686	688
1977	688	685	694	701	701	702	708	708	711	710	713	715
1978	711	714	719	726	728	733	735	737	737	738	741	743
1979	742	743	747	742	743	742	737	740	741	742	745	745
1980	743	742	741	732	728	724	719	719	717	720	719	719
1981	718	719	720	720	720	718	718	719	720	717	714	710
1982	712	712	710	706	706	707	704	701	700	697	694	693
1983	698	698	700	702	704	707	714	717	720	721	723	725
1984	730	735	735	737	739	744	749	754	756	760	768	767
1985	770	771	777	781	787	788	792	795	798	803	806	809

RETAIL TRADE

SEASONALLY ADJUSTED



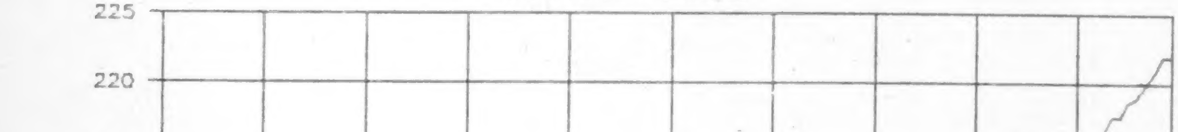
OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

FINANCE, INSURANCE, & REAL ESTATE

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	175	175	176	177	176	177	177	177	178	178	179	179
1977	180	180	181	182	183	184	184	185	185	186	186	186
1978	187	187	188	189	190	191	192	193	193	194	195	195
1979	196	197	198	198	199	201	202	202	202	204	204	204
1980	205	205	205	203	203	203	203	203	203	205	204	205
1981	205	206	206	206	206	205	206	206	206	206	206	206
1982	206	206	206	206	206	206	206	206	207	207	207	207
1983	207	208	208	208	208	208	208	208	208	208	208	208
1984	209	210	210	210	211	211	212	212	212	213	214	214
1985	215	215	216	216	218	218	219	219	220	221	222	222

FINANCE, INSURANCE, & REAL ESTATE

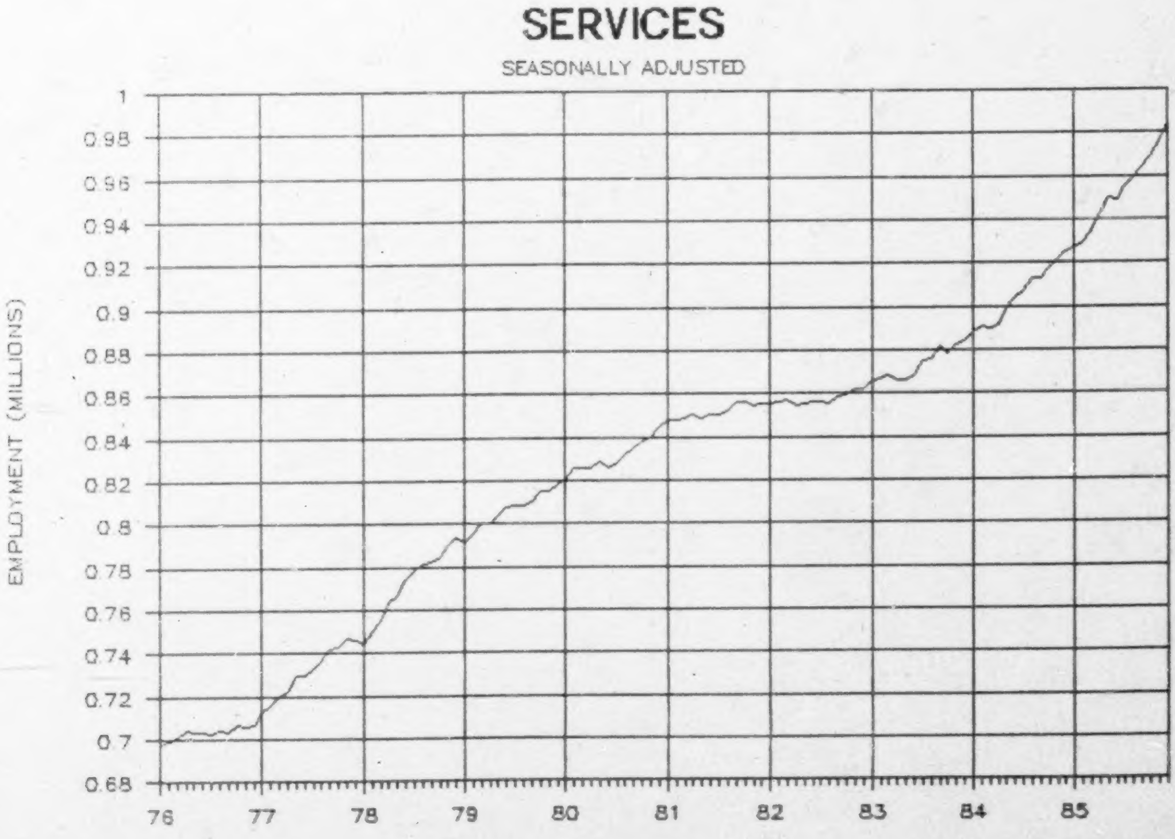
SEASONALLY ADJUSTED



OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

SERVICES

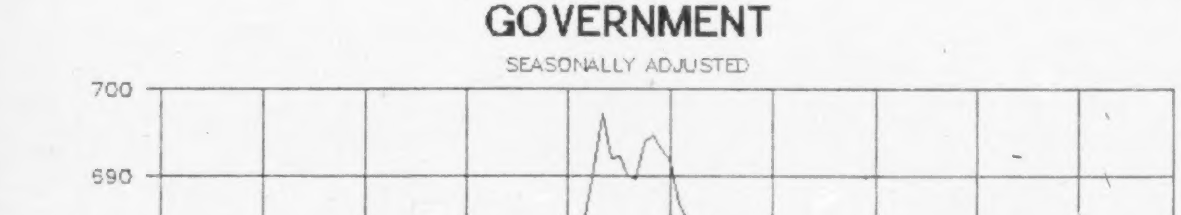
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	697	700	701	704	704	703	703	704	704	707	706	707
1977	713	716	719	722	730	730	733	737	742	742	747	746
1978	744	750	755	764	766	774	778	782	782	784	790	794
1979	791	795	800	801	803	808	808	809	810	815	815	818
1980	820	826	826	826	829	826	828	832	835	838	840	845
1981	848	848	849	850	849	850	850	852	857	856	855	855
1982	855	856	857	855	856	857	856	855	858	860	862	862
1983	866	867	869	866	867	869	875	876	881	878	883	884
1984	888	891	890	891	899	904	907	913	913	918	922	925
1985	927	929	934	943	950	949	955	959	964	968	975	984



OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

GOVERNMENT

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	637	637	636	635	633	636	627	621	626	632	635	631
1977	631	629	631	635	636	638	647	654	653	650	652	654
1978	655	659	662	661	667	682	674	675	660	668	674	675
1979	677	676	674	674	673	673	671	674	679	675	673	670
1980	677	683	685	691	697	692	692	690	690	694	695	693
1981	692	687	685	682	682	677	672	670	667	668	666	664
1982	663	662	660	660	661	660	659	660	659	657	656	655
1983	657	657	657	655	655	651	657	656	664	655	655	653
1984	652	654	652	653	652	651	651	654	660	661	661	660
1985	654	658	662	663	664	663	666	667	670	669	670	670



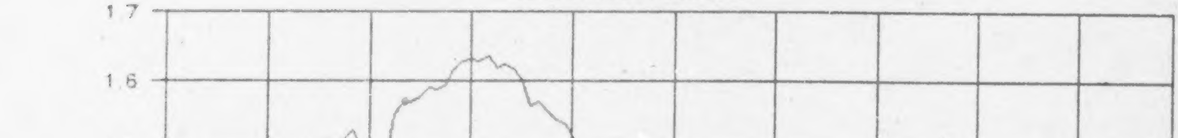
OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

GOODS PRODUCING

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	1,464	1,469	1,479	1,484	1,475	1,479	1,471	1,478	1,497	1,461	1,486	1,491
1977	1,494	1,486	1,506	1,525	1,531	1,547	1,554	1,557	1,553	1,557	1,564	1,554
1978	1,549	1,551	1,546	1,576	1,583	1,585	1,589	1,595	1,594	1,597	1,607	1,614
1979	1,615	1,614	1,618	1,609	1,612	1,609	1,602	1,582	1,585	1,578	1,571	1,569
1980	1,561	1,548	1,534	1,494	1,450	1,431	1,402	1,412	1,420	1,429	1,443	1,438
1981	1,435	1,433	1,439	1,428	1,425	1,432	1,433	1,427	1,422	1,406	1,383	1,347
1982	1,337	1,321	1,308	1,289	1,287	1,280	1,267	1,252	1,243	1,216	1,199	1,186
1983	1,194	1,195	1,197	1,199	1,205	1,211	1,221	1,234	1,241	1,253	1,262	1,265
1984	1,276	1,286	1,282	1,290	1,295	1,302	1,307	1,314	1,305	1,310	1,312	1,315
1985	1,312	1,308	1,308	1,308	1,309	1,302	1,297	1,297	1,291	1,297	1,304	1,310

GOODS PRODUCING INDUSTRIES

SEASONALLY ADJUSTED



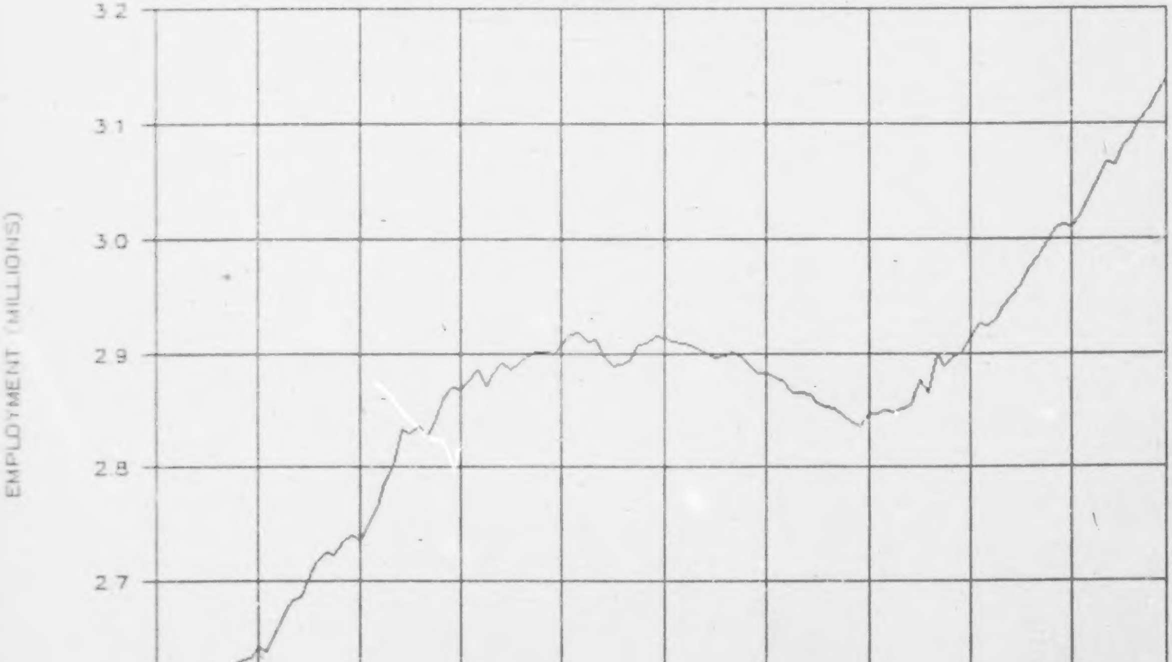
OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

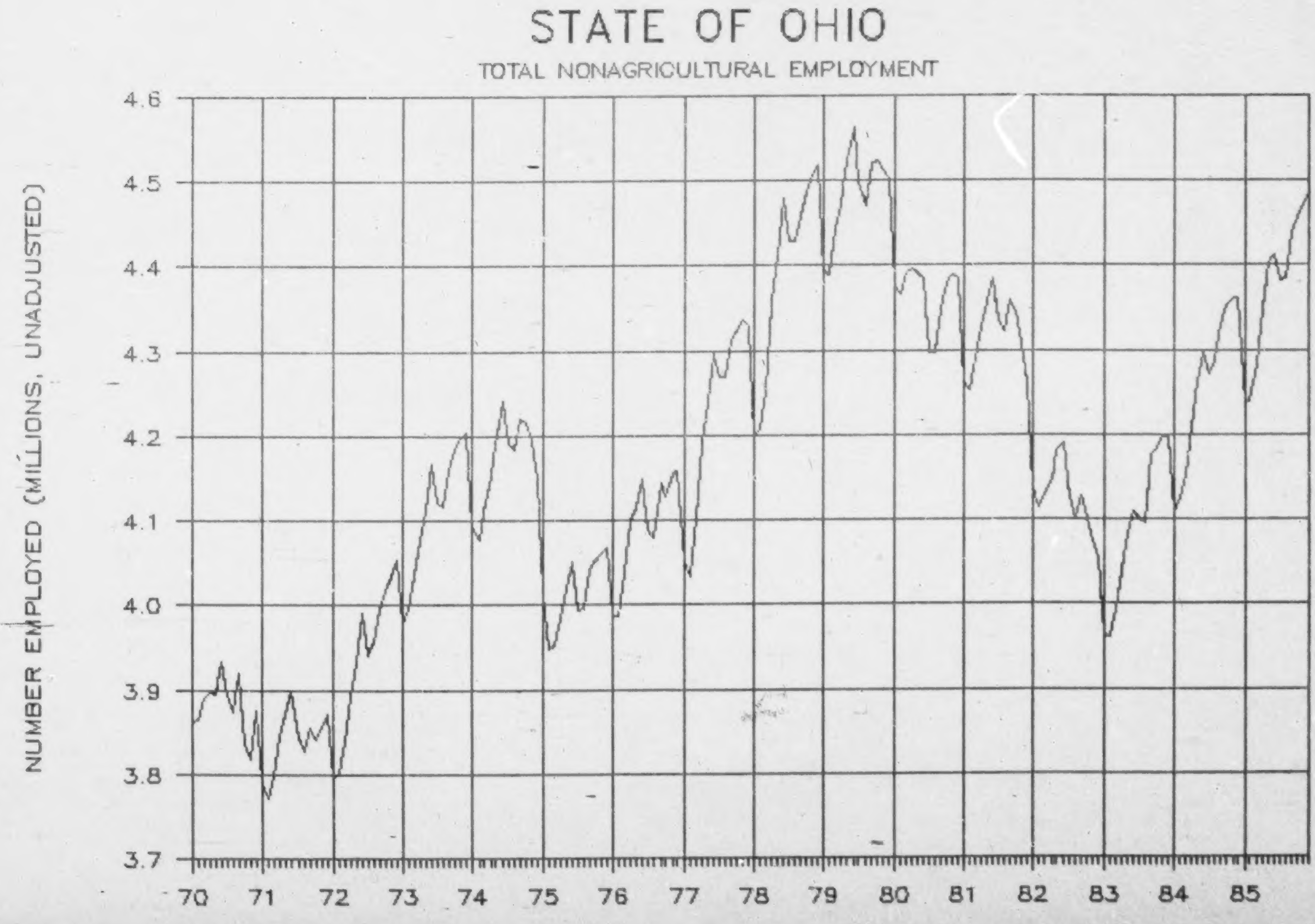
SERVICE PRODUCING

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	2,608	2,612	2,615	2,619	2,614	2,609	2,610	2,608	2,616	2,627	2,632	2,632
1977	2,641	2,639	2,655	2,672	2,683	2,687	2,706	2,717	2,726	2,724	2,735	2,740
1978	2,736	2,751	2,766	2,787	2,801	2,833	2,830	2,837	2,826	2,844	2,861	2,871
1979	2,869	2,876	2,886	2,872	2,883	2,892	2,885	2,892	2,898	2,901	2,901	2,899
1980	2,907	2,916	2,918	2,910	2,911	2,896	2,889	2,891	2,894	2,907	2,909	2,914
1981	2,913	2,910	2,909	2,907	2,904	2,900	2,897	2,898	2,902	2,896	2,889	2,882
1982	[illegible]	2,879	2,875	2,865	2,866	2,864	2,857	2,853	2,852	2,845	2,840	2,837
1983	2,846	2,846	2,850	2,849	2,852	2,855	2,877	2,865	2,900	2,889	2,897	2,901
1984	2,914	2,926	2,924	2,930	2,940	2,951	2,960	2,975	2,984	2,996	3,009	3,012
1985	3,011	3,021	3,035	3,050	3,067	3,065	3,079	3,087	3,103	3,112	3,127	3,139

SERVICE PRODUCING INDUSTRIES

SEASONALLY ADJUSTED




STATE OF OHIO
TOTAL NONAGRICULTURAL EMPLOYMENT
NUMBER EMPLOYED (MILLIONS, UNADJUSTED)
4.6
4.5
4.4
4.3
4.2
4.1
4.0
3.9
3.8
3.7
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1985[a]

(in thousands)

Industry	1985 average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	4378.6	4237.6	4238.9	4282.7	4347.0	4404.3	4411.9	4383.5	4385.8	4437.7	4456.8	4473.1	4483.7
MANUFACTURING	1123.1	1122.7	1121.0	1124.2	1123.8	1128.3	1130.4	1120.4	1118.4	1121.4	1119.8	1123.1	1123.6
Durable Goods[b]	769.1	771.2	769.8	772.6	771.4	774.0	774.8	768.3	761.3	762.6	765.5	768.2	769.5
Lumber and wood products	16.9	15.3	15.2	15.6	16.6	17.1	17.5	17.5	17.8	17.8	17.7	17.6	17.2
Furniture and fixtures	14.6	15.2	15.0	15.2	14.6	14.8	14.6	14.5	14.4	14.4	14.5	14.1	14.3
Stone, clay, and glass products	50.4	49.7	49.1	49.5	50.0	50.6	51.0	50.7	51.2	51.4	51.2	51.0	49.8
Glass and glassware, pressed or blown	11.6	12.4	12.3	12.1	11.8	11.6	11.4	11.0	11.3	11.5	11.4	11.4	10.9
Primary metal industries	102.7	105.0	105.1	105.7	104.6	104.7	103.9	103.3	99.0	98.5	99.0	101.3	102.7
Blast furnace and basic steel products	46.4	47.6	48.2	48.9	48.2	48.3	47.8	47.5	43.3	42.1	42.6	45.5	46.7
Iron and steel foundries	21.4	22.0	21.7	21.6	21.3	21.6	21.5	21.4	21.3	21.2	21.0	20.9	21.2
Nonferrous rolling and drawing	18.8	18.9	18.7	18.8	18.8	18.6	18.6	18.7	18.7	19.1	19.1	18.9	19.0
Fabricated metal products	138.9	138.8	138.7	138.8	139.5	140.9	140.8	138.3	137.2	139.1	138.7	138.6	137.3
Cutlery, hand tools, and hardware	11.4	11.7	11.7	11.6	11.4	11.5	11.5	11.2	11.2	11.2	11.3	11.3	11.2
Fabricated structural metal products	28.7	28.1	27.8	28.2	28.5	29.3	29.4	29.2	28.9	29.3	28.7	28.7	28.3
Metal forgings and stampings	44.0	44.8	44.6	44.6	44.9	45.2	44.9	43.0	42.1	43.5	43.8	44.0	43.3
Machinery, except electrical	166.2	169.3	168.5	168.9	168.5	167.4	167.7	166.3	164.2	164.0	163.4	162.9	163.4
Construction and related machinery	15.3	16.0	16.0	16.0	15.9	15.5	15.6	15.3	15.1	14.7	14.6	14.6	14.6
Metalworking machinery	42.3	42.7	42.7	42.9	42.8	42.6	42.7	42.3	42.1	42.1	41.9	41.5	41.5
Special industry machinery	18.3	18.5	18.3	18.3	18.2	18.2	18.2	18.3	18.5	18.7	18.3	18.2	18.1
General industrial machinery	30.6	32.0	31.5	31.2	30.8	30.6	30.7	30.5	30.3	30.2	30.0	29.8	30.0
Office and computing machines	13.6	13.7	13.6	13.7	13.7	13.7	13.8	13.9	13.7	13.5	13.4	13.4	13.2
Refrigeration and service machinery	16.9	17.1	17.3	17.4	17.5	17.3	17.3	17.2	15.9	16.3	16.5	16.4	16.7
Electric and electronic equipment	90.5	93.4	92.9	92.6	91.3	90.6	90.5	89.7	89.8	89.2	89.1	88.1	89.0
Electrical industrial apparatus	18.1	18.6	18.6	18.5	18.4	18.3	18.2	18.0	18.1	17.9	17.8	17.7	17.4
Household appliances	16.8	17.1	17.0	17.0	16.4	16.4	16.6	16.6	17.0	16.7	16.9	17.0	17.0
Electric lighting and wiring equipment	17.9	18.6	18.6	18.4	18.2	17.9	17.8	17.7	17.4	17.5	17.4	17.4	17.5
Communication equipment	10.9	11.5	11.3	11.3	11.1	11.0	11.0	11.0	10.6	10.6	10.4	10.5	10.5
Transportation equipment	151.7	147.7	148.5	149.6	149.3	150.6	151.9	151.1	150.5	150.9	154.5	157.2	158.3
Motor vehicles and equipment	99.5	97.7	98.4	99.0	98.2	99.2	99.7	98.7	97.4	97.3	102.5	102.3	103.6
Aircraft and parts	43.4	41.0	41.0	41.4	41.8	42.3	43.0	43.4	44.4	44.7	45.4	46.1	46.3
Instruments and related products	23.0	23.1	23.0	22.9	22.9	22.8	22.9	22.8	22.8	23.1	23.1	23.3	23.5
Measuring and controlling devices	12.3	12.6	12.5	12.3	12.2	12.2	12.2	12.2	12.2	12.3	12.3	12.4	12.6
Nondurable Goods[c]	354.0	351.5	351.2	351.6	352.4	354.3	355.6	352.1	357.2	358.8	354.4	354.9	354.1
Food and kindred products	62.7	61.5	60.7	61.1	61.1	61.7	62.7	62.7	65.5	65.9	63.3	62.9	63.0
Meat products	10.1	10.2	10.1	10.2	9.6	9.9	10.2	10.2	10.2	10.4	10.1	10.2	10.3
Dairy products	9.8	9.4	9.4	9.5	9.7	9.8	10.0	10.0	10.0	10.0	10.0	9.9	10.0
Preserved fruits and vegetables	10.9	10.6	10.2	10.3	10.3	10.3	10.4	10.2	12.6	13.3	11.0	10.7	10.4
Bakery products	8.7	8.3	8.4	8.4	8.6	8.6	8.8	9.1	9.1	8.8	8.8	8.7	8.7
Beverages	10.0	9.8	9.6	9.7	9.8	10.0	10.2	10.3	10.5	10.3	10.1	10.1	10.2
Apparel and other textile products	16.9	16.7	16.8	16.9	16.8	16.8	16.8	16.6	16.7	17.2	17.1	17.2	16.8

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1985P (Continued)
(In thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
Paper and allied products	36.9	36.8	37.0	36.9	36.9	36.9	36.8	36.8	36.9	37.1	36.7	36.9	36.9
Misc. converted paper products	12.1	12.1	12.0	12.0	12.1	12.1	11.9	12.0	12.1	12.2	12.0	12.1	12.2
Paperboard containers and boxes	12.1	12.2	12.2	12.1	12.1	12.2	12.2	12.0	12.0	12.0	11.8	11.9	11.9
Printing and publishing	66.6	65.7	65.8	65.8	66.3	66.6	66.5	66.5	66.8	66.9	67.1	67.5	67.6
Newspapers	18.5	18.2	18.2	18.3	18.4	18.5	18.5	18.4	18.6	18.5	18.7	19.0	19.1
Commercial printing	25.1	24.7	24.5	24.7	24.9	25.0	24.9	25.1	25.0	25.4	25.6	25.7	25.8
Chemicals and allied products	62.4	62.3	62.2	62.4	62.9	63.1	63.2	62.7	62.8	62.6	61.4	61.6	61.4
Industrial inorganic chemicals	10.2	10.7	10.7	10.7	10.8	10.7	10.4	9.9	10.2	10.0	9.2	9.6	9.4
Rubber and misc. plastics products	91.0	91.3	91.4	91.1	90.9	91.1	91.6	88.7	90.5	91.4	91.3	91.7	91.1
Tires and inner tubes	19.7	20.5	20.6	20.5	20.5	20.4	20.2	18.3	19.5	19.4	19.1	19.1	18.7
Miscellaneous plastics products	51.1	50.5	50.4	50.3	50.1	50.5	50.9	50.4	51.1	51.9	52.0	52.4	52.4
NONMANUFACTURING	3255.5	3114.9	3117.9	3158.6	3223.2	3276.0	3281.5	3263.2	3267.3	3316.3	3337.0	3350.0	3360.1
MINING	26.4	26.5	25.8	26.0	26.2	26.4	26.5	26.8	26.5	26.6	26.5	26.6	26.2
Bituminous coal and lignite mining	10.9	10.8	10.6	10.9	11.1	11.0	10.9	11.1	11.0	10.9	10.9	11.0	10[illegible]
Oil and gas extraction	11.0	11.8	11.5	11.1	10.7	10.7	10.8	11.0	11.0	10.9	10.8	10.9	10.9
CONSTRUCTION	154.1	127.5	120.8	130.9	145.1	156.3	161.3	168.1	172.1	172.6	172.9	166.6	155.7
General building contractors	38.5	33.0	30.9	33.3	36.3	38.5	39.9	41.4	42.1	42.6	42.5	42.0	40.2
Heavy construction contractors	20.4	13.6	12.4	14.0	18.2	22.2	23.7	24.6	25.7	25.2	25.1	22.1	18.6
Highway and street construction	8.7	4.0	3.7	4.6	7.3	10.0	10.9	11.5	11.8	11.7	11.7	9.8	7.5
Special trade contractors	95.1	80.9	77.6	82.7	90.7	95.7	97.7	102.0	104.3	104.8	105.3	102.6	96.9
TRANSPORTATION AND PUBLIC UTILITIES	202.5	197.8	198.2	199.3	201.6	203.4	204.7	204.4	203.2	204.3	204.4	204.3	204.4
Railroad transportation	17.0	17.3	16.9	16.5	17.2	17.6	17.6	17.3	17.4	17.2	17.0	16.6	16.0
Transportation, except railroads	95.4	91.2	91.9	93.3	94.7	95.7	96.4	96.1	94.8	96.6	97.5	97.9	98.6
Trucking and warehousing	68.5	66.1	66.6	67.6	67.8	68.4	68.9	68.7	67.4	68.9	69.9	70.3	71.1
Communication, electric, gas services ..	90.1	89.4	89.4	89.5	89.8	90.1	90.7	90.9	91.0	90.5	90.0	89.9	89.8
Communication	49.5	49.2	49.3	49.4	49.6	49.7	49.9	49.7	49.7	49.5	49.3	49.3	49.1
Electric, gas, and sanitary services .	40.6	40.1	40.0	40.1	40.2	40.4	40.3	41.2	41.3	41.0	40.7	40.6	40.7
WHOLESALE TRADE	246.5	240.4	240.3	242.0	243.8	246.0	246.9	248.1	249.0	249.3	250.3	250.9	251.2
Wholesale trade-durable goods	156.8	152.5	152.4	153.8	155.0	156.4	156.9	157.9	158.6	158.9	159.5	159.9	160.0
Motor vehicles & automotive equipment.	24.0	22.9	22.9	23.5	23.6	23.8	24.0	24.4	24.4	24.5	24.6	24.6	24.7
Electrical goods	20.5	20.1	20.1	20.1	20.3	20.4	20.5	20.5	20.6	20.7	20.8	21.0	21.1
Machinery, equipment, and supplies ...	65.9	64.3	64.5	64.9	65.3	65.8	65.9	66.2	66.5	66.5	66.7	66.9	67.1
Wholesale trade-nondurable goods	89.7	87.9	87.8	88.2	88.8	89.7	90.0	90.2	90.5	90.4	90.8	91.0	91.2
Groceries and related products	27.8	27.3	27.2	27.4	27.5	27.8	28.1	27.9	28.0	28.1	28.0	28.2	28.2
RETAIL TRADE	789.8	752.9	740.1	751.5	771.8	789.0	794.4	797.4	802.8	807.2	809.9	821.9	838.7
General merchandise stores	113.4	116.2	108.8	109.0	109.4	110.9	110.7	110.3	110.3	111.9	114.1	120.3	128.2
Department stores	103.9	106.8	99.6	99.7	100.0	101.5	101.4	101.0	101.0	102.5	104.6	110.4	117.9
Food stores	125.6	121.1	120.8	121.5	123.2	125.1	125.7	125.7	126.2	127.5	128.3	129.8	131.8
Automobile dealers and service stations.	87.1	82.8	82.7	83.9	86.0	87.2	88.0	88.9	89.2	89.2	89.2	89.2	89.3
Apparel and accessory stores	36.8	35.9	34.8	35.2	35.7	36.3	36.4	36.3	36.9	37.0	37.7	38.9	40.9
Eating and drinking places	276.6	253.7	252.5	259.3	271.1	280.0	283.2	285.7	288.6	289.0	285.5	285.0	286.1

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1985[a] (Continued)
(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
FINANCE, INSURANCE, AND REAL ESTATE	218.3	212.7	213.2	214.1	215.3	217.4	219.8	221.4	221.4	221.0	220.1	221.2	221.6
Banking	59.7	58.3	58.2	58.3	58.7	59.0	59.8	60.6	60.8	60.7	60.5	60.9	61.2
Credit agencies other than banks	34.1	33.6	33.5	33.9	33.6	33.8	33.9	34.3	34.4	34.4	34.5	34.5	34.6
Insurance carriers	58.3	57.2	57.7	57.8	58.1	58.4	58.9	58.9	58.7	58.5	58.2	58.5	58.3
Life insurance	21.7	21.6	21.8	21.9	21.8	21.9	22.1	22.0	21.7	21.7	21.4	21.5	21.3
Fire, marine, and casualty insurance .	27.6	27.1	27.3	27.3	27.4	27.6	27.8	27.9	27.9	27.8	27.7	27.9	27.9
SERVICES	953.3	903.6	910.0	920.0	944.0	958.9	965.1	966.3	968.2	977.7	974.2	974.6	976.5
Hotels and other lodging places	32.7	29.5	29.7	30.1	31.8	33.3	34.4	35.0	35.1	34.3	33.5	33.1	32.8
Personal services	52.1	50.6	50.9	51.5	53.4	52.6	51.7	51.2	51.5	52.1	52.6	53.0	53.4
Laundry, cleaning, & garment services.	17.7	17.1	17.0	17.2	17.6	18.0	18.0	17.8	17.7	17.8	18.0	18.2	18.3
Business services	173.8	160.6	161.7	164.4	169.1	172.1	174.1	176.0	178.9	180.5	182.0	182.2	184.2
Services to buildings	26.1	24.6	25.0	25.4	25.6	26.1	26.3	26.2	26.3	26.6	26.9	27.2	27.3
Computer and data processing services.	15.8	14.9	14.9	14.9	15.4	15.5	15.7	16.1	16.2	16.2	16.3	16.6	16.9
Amusement and recreation services	38.9	28.1	28.0	29.7	36.7	45.0	50.2	52.2	52.0	46.7	34.0	32.6	32.0
Health services	329.0	323.4	323.4	323.2	325.7	327.5	329.9	331.0	331.6	331.8	332.6	332.9	334.3
Nursing and personal care facilities .	70.6	68.7	68.8	69.0	69.9	70.7	71.4	71.4	71.6	71.3	71.5	71.7	71.9
Hospitals	166.2	165.3	165.2	165.1	165.2	165.5	166.3	167.2	167.0	166.9	167.0	166.9	167.3
Educational services	59.7	59.8	63.7	63.4	62.8	60.1	54.0	48.5	46.7	59.6	65.3	67.2	65.3
Colleges and universities	32.4	33.1	36.5	36.1	35.5	32.6	27.2	23.3	22.1	31.7	36.7	37.9	36.2
GOVERNMENT	664.7	653.5	669.6	675.7	675.4	678.6	662.7	630.8	624.1	657.6	678.7	683.9	685.8
Federal government	91.7	89.5	89.5	89.6	91.7	91.6	92.6	93.1	93.1	92.5	91.9	92.3	92.9
State government	142.8	136.4	147.6	149.9	149.4	148.4	139.7	126.9	125.7	136.7	149.8	151.1	152.4
State government education[d]	73.1	67.9	79.0	81.0	79.3	79.2	68.4	55.4	54.4	66.7	81.0	82.5	82.9
State government, except education ...	69.7	68.5	68.6	68.9	70.1	69.2	71.3	71.5	71.2	70.0	68.8	68.7	69.5
Local government	430.2	427.7	432.5	436.3	434.3	438.6	430.4	410.8	405.4	428.4	437.0	440.5	440.5
Local government education	245.5	246.3	252.8	255.9	253.5	255.8	240.1	216.4	213.3	242.9	254.0	257.8	257.6
Local government, except education ...	184.6	181.3	179.6	180.4	180.8	182.8	190.3	194.3	192.1	185.5	182.9	182.6	182.9

---

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-1-0 (1985)

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO, 1985[a]

1.

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$11.38	$11.30	$11.39	$11.32	$11.34	$11.33	$11.37	$11.33	$11.26	$11.36	$11.43	$11.49	$11.64
Durable Goods[b]	11.81	11.74	11.81	11.74	11.76	11.75	11.79	11.73	11.69	11.81	11.89	11.93	12.13
Lumber and wood products	7.44	7.45	7.60	7.72	7.67	7.56	7.47	7.37	7.31	7.37	7.33	7.29	7.22
Furniture and fixtures	8.13	7.99	8.02	8.02	8.06	8.03	7.99	7.95	8.17	8.23	8.26	8.41	8.45
Stone, clay, and glass products	10.44	10.32	10.36	10.30	10.48	10.32	10.46	10.45	10.47	10.45	10.52	10.53	10.59
Glass and glassware, pressed or blown.	11.28	11.40	11.35	11.15	11.44	11.13	11.35	11.19	11.19	11.13	11.34	11.33	11.34
Primary metal industries	13.13	12.98	13.22	13.07	13.09	13.07	13.15	13.08	13.15	13.21	13.12	13.15	13.27
Blast furnace and basic steel products	13.30	13.10	13.45	13.28	13.29	13.29	13.30	13.35	13.36	13.33	13.35	13.24	13.29
Iron and steel foundries	13.56	13.43	13.58	13.34	13.47	13.39	13.56	13.18	13.49	13.83	13.47	13.82	14.09
Nonferrous rolling and drawing	14.17	14.08	14.27	14.17	14.16	14.07	14.32	14.25	14.18	14.18	14.05	14.10	14.17
Fabricated metal products	11.69	11.57	11.70	11.76	11.84	11.69	11.68	11.62	11.38	11.66	11.69	11.72	11.97
Cutlery, hand tools, and hardware	12.26	11.87	12.37	12.30	12.68	12.36	12.09	12.32	11.91	12.14	12.19	12.31	12.59
Fabricated structural metal products .	10.12	10.19	10.30	10.19	10.08	10.05	10.09	10.17	9.99	9.98	10.03	10.11	10.22
Metal forgings and stampings	14.23	13.95	14.03	14.30	14.46	14.19	14.27	14.12	13.79	14.24	14.27	14.29	14.73
Machinery, except electrical	11.19	11.13	11.21	11.06	11.09	11.07	11.19	11.21	11.17	11.25	11.31	11.27	11.33
Construction and related machinery ...	10.04	10.19	10.21	10.02	9.97	10.01	10.14	9.99	10.05	10.00	10.09	9.87	9.96
Metalworking machinery	10.59	10.56	10.53	10.56	10.55	10.49	10.58	10.57	10.56	10.53	10.54	10.68	10.90
Special industry machinery	10.73	10.69	10.70	10.68	10.65	10.65	10.66	10.58	10.74	10.75	10.77	10.88	10.97
General industrial machinery	11.64	11.51	11.67	11.60	11.72	11.68	11.63	11.69	11.63	11.69	11.65	11.72	11.51
Office and computing machines	8.99	8.69	8.93	8.84	8.90	8.82	8.97	9.01	8.94	9.17	9.13	9.22	9.31
Refrigeration and service machinery ..	13.09	12.75	13.21	12.47	12.80	12.59	13.01	13.14	13.09	13.28	13.64	13.58	13.67
Electric and electronic equipment	10.62	10.41	10.55	10.49	10.47	10.49	10.59	10.54	10.61	10.65	10.79	10.76	11.04
Electrical industrial apparatus	10.32	9.94	10.04	10.10	10.13	10.19	10.27	10.26	10.47	10.38	10.64	10.72	10.73
Household appliances	11.00	10.74	10.87	10.84	10.82	10.97	10.92	10.95	10.89	11.12	11.20	11.25	11.40
Electric lighting and wiring equipment	10.54	10.41	10.58	10.28	10.45	10.35	10.58	10.31	10.56	10.50	10.68	10.78	11.08
Communication equipment	11.75	11.42	11.89	12.01	11.88	11.56	11.64	11.69	11.80	11.84	11.54	11.66	12.00
Transportation equipment	14.18	14.25	14.13	14.09	14.03	14.11	14.12	14.00	13.99	14.15	14.29	14.32	14.63
Motor vehicles and equipment	14.74	14.82	14.68	14.59	14.57	14.68	14.65	14.54	14.49	14.75	14.86	14.90	15.26
Aircraft and parts	12.78	12.69	12.64	13.05	12.77	12.65	12.87	12.67	12.88	12.76	12.63	12.88	12.83
Instruments and related products	8.71	8.21	8.43	8.52	8.61	8.62	8.61	8.61	8.75	8.87	8.95	8.99	9.26
Measuring and controlling devices	8.90	8.28	8.65	8.89	8.95	8.92	8.91	8.88	8.90	8.92	8.93	8.96	9.47
Nondurable Goods[c]	10.31	10.18	10.35	10.26	10.29	10.26	10.34	10.34	10.24	10.30	10.29	10.43	10.43
Food and kindred products	9.91	9.96	10.10	10.02	10.00	9.96	9.93	10.07	9.77	9.78	9.83	9.79	9.78
Meat products	9.16	9.34	9.32	9.05	9.07	9.24	9.15	9.21	9.16	9.10	9.07	9.13	9.06
Dairy products	10.19	10.01	10.05	10.06	10.07	10.20	10.15	10.21	10.29	10.39	10.27	10.27	10.28
Preserved fruits and vegetables	9.16	8.83	9.21	9.11	9.03	9.23	9.36	9.56	8.95	9.01	9.31	9.24	9.21
Bakery products	11.19	10.99	10.97	11.13	11.00	11.06	11.32	11.29	11.21	11.34	11.23	11.36	11.41
Beverages	9.82	9.69	9.55	9.68	9.78	9.60	9.80	9.86	9.90	10.13	9.95	9.92	9.89
Apparel and other textile products	6.82	6.71	6.80	6.80	6.70	6.75	6.92	6.86	6.77	6.81	6.74	6.89	7.03

See footnotes at end of table.

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO, 1985[a] (Continued)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
Paper and allied products	$10.60	$10.40	$10.49	$10.42	$10.50	$10.47	$10.59	$10.57	$10.65	$10.68	$10.65	$10.90	$10.91
Misc. converted paper products	9.73	9.49	9.47	9.60	9.46	9.53	9.86	9.95	10.06	9.93	9.69	9.84	9.93
Paperboard containers and boxes	9.44	9.32	9.28	9.23	9.47	9.33	9.44	9.41	9.48	9.55	9.45	9.56	9.72
Printing and publishing	10.29	10.10	10.18	10.21	10.10	10.20	10.24	10.32	10.31	10.40	10.40	10.46	10.56
Newspapers	9.81	9.80	9.73	9.67	9.73	9.82	9.84	9.80	9.73	9.85	9.84	9.94	9.96
Commercial printing	10.11	9.95	10.07	10.12	9.88	9.96	10.01	10.20	10.13	10.21	10.14	10.20	10.33
Chemicals and allied products	11.77	11.74	11.80	11.81	11.84	11.74	11.73	11.62	11.64	11.70	11.77	11.96	11.93
Industrial inorganic chemicals	12.87	12.54	12.64	12.80	12.86	12.98	13.02	12.93	12.82	12.89	12.87	13.20	12.91
Rubber and misc. plastics products	10.17	10.01	10.20	10.07	10.17	10.12	10.30	10.29	10.13	10.18	10.08	10.25	10.26
Tires and inner tubes	13.23	13.01	13.21	13.04	13.12	13.07	13.28	13.44	13.29	13.28	13.22	13.38	13.49
Miscellaneous plastics products	10.00	9.81	10.01	9.87	10.00	9.97	10.21	10.23	9.35	10.00	9.87	10.06	10.03
MINING	11.63	11.52	11.85	11.80	11.79	11.65	11.57	11.50	11.54	11.40	11.57	11.70	11.74
Bituminous coal and lignite mining	14.92	14.92	15.14	15.10	15.09	15.02	14.93	14.96	14.94	14.61	14.74	14.84	14.76
CONSTRUCTION	15.25	15.83	16.05	15.46	15.21	15.13	14.81	14.96	15.09	15.05	15.15	15.31	15.48
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services ..	12.60	12.29	12.43	12.34	12.38	12.41	12.42	12.55	12.78	12.87	12.86	12.99	12.92
Communication	12.51	12.07	12.23	12.19	12.22	12.25	12.30	12.39	12.79	12.87	12.81	13.06	12.91
Electric, gas, and sanitary services .	12.74	12.59	12.69	12.53	12.59	12.63	12.58	12.77	12.77	12.88	12.93	12.91	12.94
WHOLESALE TRADE	8.86	8.73	8.75	8.72	8.74	8.81	8.77	8.87	8.87	8.89	8.95	9.06	9.13
Wholesale trade-durable goods	8.71	8.56	8.54	8.53	8.55	8.66	8.63	8.67	8.73	8.76	8.85	8.95	9.01
Wholesale trade-nondurable goods	9.13	9.04	9.14	9.06	9.06	9.07	9.01	9.21	9.13	9.12	9.13	9.25	9.35
RETAIL TRADE[d]	5.43	5.43	5.43	5.43	5.45	5.42	5.39	5.39	5.39	5.47	5.49	5.45	5.47
General merchandise stores	5.81	5.54	5.73	5.72	5.76	5.79	5.75	5.84	5.82	5.90	5.99	5.90	5.95
Department stores	5.94	5.64	5.85	5.85	5.88	5.91	5.87	5.96	5.94	6.03	6.14	6.05	6.09
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....
Credit agencies other than banks	....	....	....	....	....	....	....	....	....	....	....	....	....
Insurance carriers	....	....	....	....	....	....	....	....	....	....	....	....	....
SERVICES	....	....	....	....	....	....	....	....	....	....	....	....	....
Health services	....	....	....	....	....	....	....	....	....	....	....	....	....
Hospitals	9.06	8.92	9.93	8.92	8.99	8.98	8.98	9.07	9.10	9.19	9.21	9.18	9.24

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-3-86 R5-790-4-0 (1985)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO, 1985[a]

1.

Industry	1985 Average[a]	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	42.0	42.3	39.9	42.4	42.0	42.0	42.3	41.7	41.7	42.2	42.2	42.4	43.0
Durable Goods[b]	42.3	42.6	40.0	42.7	42.3	42.4	42.6	41.8	41.9	42.4	42.5	42.6	43.4
Lumber and wood products	40.1	39.2	36.2	41.4	40.5	40.6	41.1	40.5	39.3	40.4	41.1	39.9	40.2
Furniture and fixtures	39.9	39.5	36.7	40.0	40.3	39.3	39.4	39.6	40.4	40.2	40.5	41.7	41.4
Stone, clay, and glass products	41.6	40.6	39.1	41.6	42.0	41.9	42.2	42.0	42.0	42.1	42.0	41.9	41.7
Glass and glassware, pressed or blown.	40.3	39.2	38.7	40.4	39.9	40.0	40.9	40.5	40.8	40.9	40.6	41.0	41.0
Primary metal industries	41.8	41.6	40.9	41.8	41.9	42.1	42.6	41.6	42.0	41.9	41.3	41.8	42.6
Blast furnace and basic steel products	39.7	39.0	39.1	39.9	39.6	39.8	41.0	40.6	39.9	39.0	39.1	39.2	39.9
Iron and steel foundries	43.4	43.4	41.3	42.6	43.5	43.6	44.0	41.1	44.1	44.7	42.6	44.2	45.2
Nonferrous rolling and drawing	43.3	44.2	43.5	44.1	43.9	43.2	43.8	42.2	42.1	43.2	42.4	43.0	43.4
Fabricated metal products	42.1	42.8	39.8	42.7	42.7	42.2	42.2	41.9	41.2	41.8	42.0	42.4	43.4
Cutlery, hand tools, and hardware	41.4	40.6	39.4	42.4	43.4	41.4	40.3	41.0	40.5	42.1	41.2	41.8	42.9
Fabricated structural metal products .	41.6	42.3	38.7	41.4	40.8	42.2	42.1	42.5	42.4	41.1	40.5	42.1	43.1
Metal forgings and stampings	44.1	45.2	41.9	45.3	45.7	44.1	43.9	43.3	41.7	43.7	44.2	44.4	45.5
Machinery, except electrical	42.5	43.1	40.9	43.1	42.4	42.5	43.0	42.1	42.0	42.5	42.3	42.3	43.2
Construction and related machinery ...	39.8	40.1	37.9	41.0	40.3	40.2	40.3	39.5	39.7	40.0	39.9	39.8	39.5
Metalworking machinery	42.0	42.2	40.1	42.6	42.1	42.0	42.4	41.6	41.6	41.8	41.8	42.5	43.9
Special industry machinery	44.1	45.5	42.4	45.3	44.2	44.1	44.1	43.4	43.8	43.9	43.4	44.1	44.9
General industrial machinery	42.3	42.6	40.8	42.9	42.5	42.2	42.3	42.3	42.4	42.8	41.9	42.1	42.2
Office and computing machines	41.1	41.1	38.7	39.8	39.6	40.6	41.9	39.6	42.7	42.2	41.6	41.5	44.4
Refrigeration and service machinery ..	43.8	44.3	41.4	43.4	44.3	43.4	45.0	45.1	42.5	43.7	44.0	43.7	45.1
Electric and electronic equipment	40.8	40.6	38.3	41.8	40.8	40.2	40.9	40.1	40.6	40.9	41.4	41.8	42.3
Electrical industrial apparatus	40.5	40.3	38.9	41.0	40.4	40.2	40.3	39.9	40.4	41.0	40.9	41.0	41.6
Household appliances	40.9	41.3	35.7	43.5	40.4	40.2	41.3	40.8	41.1	41.3	41.7	42.3	41.8
Electric lighting and wiring equipment	40.2	39.4	39.5	40.3	40.6	39.5	40.5	37.6	40.0	40.3	41.2	41.7	41.5
Communication equipment	42.6	42.8	41.3	45.4	43.1	42.2	42.2	42.9	42.6	42.1	41.1	42.3	43.0
Transportation equipment	44.8	46.3	41.5	45.0	44.3	45.3	45.0	43.8	43.8	45.1	45.7	45.3	46.3
Motor vehicles and equipment	45.6	47.5	42.1	45.2	44.7	46.2	45.8	44.5	44.5	46.0	46.7	46.3	47.2
Aircraft and parts	43.1	43.1	39.6	44.7	42.6	42.2	43.3	42.1	42.2	43.7	43.6	45.1	44.1
Instruments and related products	40.5	39.9	37.1	41.2	40.0	40.0	40.7	39.8	40.6	41.7	41.4	41.5	42.0
Measuring and controlling devices	39.1	38.5	34.1	40.8	38.7	38.5	40.4	38.8	39.1	40.1	39.2	39.6	41.3
Nondurable Goods[c]	41.3	41.3	39.8	41.4	41.3	41.0	41.5	41.2	41.3	41.8	41.3	41.7	42.1
Food and kindred products	41.7	41.5	40.4	41.4	41.3	41.7	41.3	42.0	42.3	43.3	41.6	41.3	41.5
Meat products	41.4	41.4	39.2	41.5	40.7	43.4	42.4	41.3	41.7	41.5	41.1	41.6	41.0
Dairy products	43.7	43.3	43.1	43.0	43.2	44.1	43.9	44.1	44.0	44.7	43.4	43.3	43.7
Preserved fruits and vegetables	40.8	39.5	37.6	38.9	39.8	39.2	40.6	40.0	43.1	45.9	42.1	39.7	40.4
Bakery products	38.5	41.7	38.8	40.2	39.0	40.5	31.1	38.5	38.5	38.7	38.7	38.3	38.2
Beverages	41.3	39.9	39.7	41.2	41.8	42.1	42.8	42.5	41.7	43.1	39.8	39.7	40.7
Apparel and other textile products	37.1	37.6	33.9	37.1	37.1	37.2	36.7	36.8	36.6	37.6	37.7	38.1	38.7

See footnotes at end of table.

AVERAGE WEEKLY HOURS OF NONSUPERVISORY WORKERS IN OHIO, 1985[a] (Continued)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
Paper and allied products	43.7	44.0	42.5	43.3	43.7	43.2	43.6	43.5	43.8	44.0	43.6	44.5	44.5
Misc. converted paper products	43.3	44.0	42.3	43.8	42.8	42.8	43.7	43.5	42.8	43.7	42.4	43.4	44.0
Paperboard containers and boxes	41.6	42.0	38.2	40.6	41.8	40.7	41.3	41.6	42.7	43.1	42.5	42.1	42.8
Printing and publishing	38.4	38.1	37.0	38.2	38.3	37.8	37.7	38.3	38.6	38.8	38.4	39.3	40.2
Newspapers	33.7	32.8	33.3	33.1	33.2	33.8	33.3	33.7	34.3	34.1	34.0	34.4	34.3
Commercial printing	39.9	39.8	38.1	39.5	39.6	38.9	38.6	39.8	39.9	40.4	40.0	41.0	42.5
Chemicals and allied products	42.0	41.8	41.0	42.6	42.0	41.6	42.8	41.9	41.9	42.0	41.6	42.2	42.6
Industrial inorganic chemicals	42.5	41.8	41.6	43.1	43.0	42.5	43.2	41.9	41.0	42.0	42.6	43.4	44.4
Rubber and misc. plastics products	42.2	42.4	40.4	42.6	42.2	41.7	43.0	41.9	41.7	42.4	42.3	42.7	43.2
Tires and inner tubes	44.8	44.1	44.6	45.2	44.8	44.6	45.8	45.1	44.7	45.3	43.4	44.8	45.5
Miscellaneous plastics products	41.9	42.3	39.8	42.4	42.0	41.2	43.0	41.8	41.0	42.0	42.2	42.5	43.1
MINING	43.7	43.8	44.5	44.2	43.0	43.2	42.9	42.5	43.3	43.9	45.0	44.5	44.0
Bituminous coal and lignite mining	41.6	41.9	44.1	43.3	42.7	41.7	40.7	39.5	39.9	40.8	41.7	41.5	41.8
CONSTRUCTION	38.4	38.3	36.7	38.7	39.2	38.9	37.8	38.9	38.8	39.6	39.5	36.3	37.9
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	40.8	40.4	40.4	40.4	40.5	40.6	40.7	41.1	40.9	41.1	40.9	41.3	41.0
Communication	40.4	39.9	39.9	39.9	40.2	40.2	40.5	40.9	40.6	40.8	40.4	41.3	40.7
Electric, gas, and sanitary services	41.3	41.1	41.2	41.2	41.0	41.1	41.0	41.3	41.3	41.5	41.5	41.4	41.5
WHOLESALE TRADE	39.1	39.0	38.3	38.9	38.8	38.9	39.2	39.2	39.1	39.3	39.5	39.4	39.5
Wholesale trade-durable goods	39.5	39.5	38.7	39.5	39.3	39.3	39.6	39.5	39.6	39.7	39.7	39.8	39.7
Wholesale trade-nondurable goods	38.4	38.3	37.5	37.8	37.9	38.2	38.4	38.8	38.4	38.6	39.0	38.5	39.1
RETAIL TRADE	28.9	27.9	27.4	28.4	28.5	29.1	29.4	29.8	29.7	29.2	28.9	28.6	29.2
General merchandise stores	29.5	28.1	26.7	28.9	29.1	30.0	30.1	31.0	30.2	29.9	29.4	29.1	31.1
Department stores	29.5	28.1	26.7	28.9	29.2	30.1	30.2	31.1	30.3	30.0	29.4	29.1	31.1
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....
Credit agencies other than banks	....	....	....	....	....	....	....	....	....	....	....	....	....
Insurance carriers	....	....	....	....	....	....	....	....	....	....	....	....	....
SERVICES	....	....	....	....	....	....	....	....	....	....	....	....	....
Health services	....	....	....	....	....	....	....	....	....	....	....	....	....
Hospitals	33.9	33.9	33.5	33.8	33.8	33.9	34.1	34.2	34.2	34.3	33.9	33.9	33.8

---

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable with previous figures due to change in sample composition.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-4-86 RS-790-3-0 (1985)

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO, 1985[a] 1.

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$477.96	$477.99	$454.46	$479.97	$476.28	$475.86	$480.95	$472.46	$469.54	$479.39	$482.35	$487.18	$500.52
Durable Goods[b]	499.56	500.12	472.40	501.30	497.45	498.20	502.25	490.31	489.81	500.74	505.33	508.22	526.44
Lumber and wood products	296.34	292.04	275.12	319.61	310.64	306.94	307.02	298.49	287.28	297.75	301.26	290.87	290.24
Furniture and fixtures	324.39	315.61	294.33	320.80	324.82	315.58	314.81	314.82	330.07	330.85	334.53	350.70	349.83
Stone, clay, and glass products	434.30	418.99	405.08	428.48	440.16	432.41	441.41	438.90	439.74	439.95	441.84	441.21	441.60
Glass and glassware, pressed or blown.	454.58	446.88	439.25	450.46	456.46	445.20	464.22	453.20	456.55	455.22	460.40	464.53	464.94
Primary metal industries	548.83	539.97	540.70	546.33	548.47	550.25	560.19	544.13	552.30	553.50	541.86	549.67	565.30
Blast furnace and basic steel products	528.01	510.90	525.90	529.87	526.28	528.94	545.30	542.01	533.06	519.87	521.99	519.01	530.27
Iron and steel foundries	588.50	582.86	560.85	568.28	585.95	583.80	596.64	541.70	594.91	618.20	573.82	610.84	636.87
Nonferrous rolling and drawing	613.56	622.34	620.75	624.90	621.62	607.82	627.22	601.35	596.98	612.58	595.72	606.30	614.98
Fabricated metal products	492.15	495.20	465.66	502.15	505.57	493.32	492.90	486.88	468.86	487.39	490.98	496.93	519.50
Cutlery, hand tools, and hardware	507.56	481.92	467.38	521.52	550.31	511.70	487.23	505.12	482.36	511.09	502.23	514.56	540.11
Fabricated structural metal products .	420.99	431.04	398.61	421.87	411.26	424.11	424.79	432.23	423.58	410.18	406.22	425.63	440.48
Metal forgings and stampings	627.54	630.54	587.86	647.79	660.82	625.78	626.45	611.40	575.04	622.29	630.73	634.48	670.22
Machinery, except electrical	475.58	479.70	458.49	476.69	470.22	470.48	481.17	471.94	469.14	478.13	478.41	476.72	489.46
Construction and related machinery ...	399.59	408.62	386.96	410.82	401.79	402.40	408.64	394.61	398.99	400.00	402.59	392.83	393.42
Metalworking machinery	444.78	445.63	422.25	449.86	444.16	440.58	448.59	439.71	439.30	440.15	440.57	453.90	478.51
Special industry machinery	473.19	486.40	453.68	483.80	470.73	469.67	470.11	459.17	470.41	471.93	467.42	479.81	492.55
General industrial machinery	492.37	490.33	476.14	497.64	498.10	492.90	491.95	494.49	493.11	500.33	488.14	493.41	485.72
Office and computing machines	369.49	357.16	345.59	351.83	352.44	358.09	375.84	356.80	381.74	386.97	379.81	382.63	413.36
Refrigeration and service machinery ..	573.34	564.83	546.89	541.20	567.04	546.41	585.45	592.61	556.33	580.34	600.16	593.45	616.52
Electric and electronic equipment	433.30	422.65	404.07	438.48	427.18	421.70	433.13	422.65	430.77	435.59	446.71	449.77	466.99
Electrical industrial apparatus	417.96	400.58	390.56	414.10	409.25	409.64	413.88	409.37	422.99	425.58	435.18	439.52	446.37
Household appliances	449.90	443.56	388.06	471.54	437.13	440.99	451.00	446.76	447.58	459.26	467.04	475.88	476.52
Electric lighting and wiring equipment	423.71	410.15	417.91	414.28	424.27	408.83	428.49	387.66	422.40	423.15	440.02	449.53	459.82
Communication equipment	500.55	488.78	491.06	545.25	512.03	487.83	491.21	501.50	502.68	498.46	474.29	493.22	516.00
Transportation equipment	635.26	659.78	586.40	634.05	621.53	639.18	635.40	613.20	612.76	638.17	653.05	648.70	677.37
Motor vehicles and equipment	672.14	703.95	618.03	659.47	651.28	678.22	670.97	647.03	644.81	678.50	693.96	689.87	720.27
Aircraft and parts	550.82	546.94	500.54	583.34	544.00	533.83	557.27	533.41	543.54	557.61	550.67	580.89	565.80
Instruments and related products	352.76	327.58	312.75	351.02	344.40	344.80	350.43	342.69	355.25	369.88	370.53	373.09	388.92
Measuring and controlling devices	347.99	318.78	294.97	362.71	346.37	343.42	359.96	344.54	347.99	357.69	350.06	354.82	391.11
Nondurable Goods[c]	425.80	420.43	411.93	424.76	424.98	420.66	429.11	426.01	422.91	430.54	424.98	434.93	439.10
Food and kindred products	413.25	413.34	408.04	414.83	413.00	415.33	410.11	422.94	413.27	423.47	408.93	404.33	405.87
Meat products	379.22	386.68	365.34	375.58	369.15	401.02	387.96	380.37	381.97	377.65	372.78	379.81	371.46
Dairy products	445.30	433.43	433.16	432.58	435.02	449.82	445.59	450.26	452.76	464.43	445.72	444.69	449.24
Preserved fruits and vegetables	373.73	348.79	346.30	354.38	359.39	361.82	380.02	382.40	385.75	413.56	391.95	366.83	372.08
Bakery products	430.82	458.28	425.64	447.43	429.00	447.93	352.05	434.67	431.59	438.86	434.60	435.85	435.86
Beverages	405.57	386.63	379.14	398.82	408.80	404.16	419.44	419.05	412.83	436.60	396.01	393.82	402.52
Apparel and other textile products	253.02	252.30	230.52	252.28	248.57	251.10	253.96	252.45	247.78	256.06	254.10	262.51	272.06

See footnotes at end of table.

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO, 1985[a] (Continued)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
Paper and allied products	$463.22	$457.60	$443.73	$451.19	$458.85	$452.30	$461.72	$459.80	$466.47	$469.92	$464.34	$485.05	$485.50
Misc. converted paper products	421.31	417.56	400.58	420.48	404.89	407.88	430.88	432.83	430.57	433.94	410.86	427.06	436.92
Paperboard containers and boxes	392.70	391.44	354.50	374.74	395.85	379.73	389.87	391.46	404.80	411.61	401.63	402.48	416.02
Printing and publishing	395.14	384.81	376.66	390.02	386.83	385.56	386.05	395.26	397.97	403.52	399.36	411.08	424.51
Newspapers	330.60	321.44	324.01	320.08	323.04	331.92	327.67	330.26	333.74	335.89	334.56	341.94	341.63
Commercial printing	403.39	396.01	383.67	399.74	391.25	387.44	386.39	405.96	404.19	412.48	405.60	418.20	439.03
Chemicals and allied products	494.34	490.73	483.80	503.11	497.28	488.38	502.04	486.88	487.72	491.40	489.63	504.71	508.22
Industrial inorganic chemicals	546.98	524.17	525.82	551.68	552.98	551.65	562.46	541.77	525.62	541.38	548.26	572.88	573.20
Rubber and misc. plastics products	429.17	424.42	412.08	428.98	429.17	422.00	442.90	431.15	422.42	431.63	426.38	437.68	443.23
Tires and inner tubes	592.70	573.74	589.17	589.41	587.78	582.92	608.22	606.14	594.06	601.58	573.75	599.42	613.80
Miscellaneous plastics products	419.00	414.96	398.40	418.49	420.00	410.76	439.03	427.61	407.95	420.00	416.51	427.55	432.29
MINING	508.23	504.58	527.33	521.56	506.97	503.28	496.35	488.75	499.68	500.46	520.65	520.65	516.56
Bituminous coal and lignite mining	620.67	625.15	667.67	653.83	644.34	626.33	607.65	590.92	596.11	596.09	614.66	615.86	616.97
CONSTRUCTION	585.60	606.29	589.04	598.30	596.23	588.56	559.82	581.94	585.49	595.98	598.43	555.75	586.69
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services ..	514.08	496.52	502.17	498.54	501.39	503.85	505.49	515.81	522.70	528.96	525.97	536.49	529.72
Communication	505.40	481.59	487.98	486.38	491.24	492.45	498.15	506.75	519.27	525.10	517.52	539.38	525.44
Electric, gas, and sanitary services .	526.16	517.45	522.83	516.24	516.19	519.09	515.78	527.40	527.40	534.52	536.60	534.47	537.01
WHOLESALE TRADE	346.43	340.47	335.13	339.21	339.11	342.71	343.78	347.70	346.82	349.38	353.53	356.96	360.64
Wholesale trade-durable goods	344.05	338.12	330.50	336.94	336.02	340.34	341.75	342.47	345.71	347.77	351.35	356.21	357.70
Wholesale trade-nondurable goods	350.59	346.23	342.75	342.47	343.37	346.47	345.98	357.35	350.59	352.03	356.07	356.13	365.59
RETAIL TRADE[d]	156.93	151.50	148.78	154.21	155.33	157.72	158.47	160.62	160.08	159.72	158.66	155.87	159.72
General merchandise stores	171.40	155.67	152.99	165.31	167.62	173.70	173.08	181.04	175.76	176.41	176.11	171.69	185.05
Department stores	175.23	158.48	156.20	169.07	171.70	177.89	177.27	185.36	179.98	180.90	180.52	176.06	189.40
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	......	......	......	......	......	......	......	......	......	......
Banking	233.81	228.27	228.16	230.48	230.73	233.54	234.17	233.90	233.73	234.10	235.89	238.33	243.66
Credit agencies other than banks	228.70	289.05	222.51	222.92	224.11	225.71	226.42	230.07	232.96	233.53	235.91	235.19	235.43
Insurance carriers	307.11	303.08	304.93	304.58	305.92	304.90	306.36	307.55	307.56	308.39	310.26	309.45	312.36
SERVICES	......	......	......	......	......	......	......	......	......	......	......	......	......
Health services	......	......	......	......	......	......	......	......	......	......	......	......	......
Hospitals	307.13	302.39	299.16	301.50	303.06	304.42	306.22	310.19	311.22	315.22	312.22	311.20	312.31

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43716 4-4-86 RS-790-2-0 (1985)

1.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1984[a]

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	4260.2	4107.8	4126.2	4150.5	4209.7	4263.3	4297.5	4272.6	4289.0	4330.3	4352.4	4361.8	4361.0
MANUFACTURING	1127.0	1096.9	1103.8	1113.1	1120.5	1127.1	1136.1	1135.0	1139.8	1141.9	1137.4	1137.2	1135.4
Durable Goods[b]	773.4	750.4	757.7	764.4	770.2	774.5	780.4	779.7	781.4	781.7	780.0	780.9	779.8
Lumber and wood products	15.7	13.8	14.3	14.9	15.2	15.8	16.4	16.3	16.7	16.6	16.6	16.2	15.9
Furniture and fixtures	15.2	14.8	15.1	15.1	15.3	14.7	15.4	15.4	15.3	15.5	15.5	15.6	15.1
Stone, clay, and glass products	52.5	50.6	50.3	51.2	52.0	52.9	53.7	53.6	54.1	53.7	53.3	52.8	51.9
Glass and glassware, pressed or blown	12.8	13.0	13.1	13.1	12.9	12.9	12.9	12.7	12.8	12.8	12.7	12.4	12.2
Primary metal industries	108.9	108.3	109.4	110.3	111.1	110.4	110.7	110.4	109.0	107.9	106.6	106.4	106.0
Blast furnace and basic steel products	52.1	53.0	53.7	53.7	54.1	54.2	54.1	53.5	52.0	49.8	49.1	48.9	48.3
Iron and steel foundries	22.1	21.7	22.0	22.3	22.4	21.5	21.7	22.2	22.2	22.7	22.3	22.1	22.3
Nonferrous rolling and drawing	18.8	18.7	18.7	18.6	18.8	18.7	18.8	18.7	18.6	19.0	18.8	19.0	19.0
Fabricated metal products	138.7	135.0	135.1	136.3	136.9	138.5	139.7	139.2	139.9	141.1	140.4	141.2	140.8
Cutlery, hand tools, and hardware	11.5	11.2	11.3	11.5	11.4	11.5	11.5	11.2	11.4	11.5	11.5	11.7	11.7
Fabricated structural metal products	28.5	27.7	27.1	27.2	27.6	28.0	28.6	28.9	29.2	29.4	29.6	29.5	29.0
Metal forgings and stampings	44.7	43.8	44.0	44.3	44.6	44.9	44.8	44.4	44.4	45.4	44.7	45.1	45.3
Machinery, except electrical	167.3	161.3	162.7	164.4	166.5	168.0	168.2	168.2	168.6	169.5	169.6	170.2	170.0
Construction and related machinery	16.5	16.3	16.2	16.2	16.4	16.6	16.7	16.6	16.6	16.5	16.6	16.7	16.4
Metalworking machinery	41.8	39.9	40.5	40.8	41.3	41.7	42.1	42.2	42.5	42.6	42.8	42.7	42.8
Special industry machinery	18.4	17.6	17.9	18.5	18.7	18.8	18.3	18.4	18.3	18.5	18.6	18.8	18.8
General industrial machinery	32.0	31.0	31.2	31.5	31.9	32.1	32.4	32.5	32.5	32.4	32.3	32.2	32.2
Office and computing machines	13.4	12.9	12.9	12.9	13.0	13.2	13.6	13.6	13.7	13.7	13.8	14.0	13.9
Refrigeration and service machinery	17.1	17.2	17.3	17.4	17.6	17.7	17.3	16.8	16.6	17.0	16.8	[illegible]	16.9
Electric and electronic equipment	93.1	90.7	91.6	92.2	92.2	92.1	92.9	94.2	94.6	95.2	94.4	[illegible]	93.9
Electrical industrial apparatus	18.8	18.6	18.7	18.7	18.7	18.6	18.7	18.8	18.8	18.9	18.9	18.9	18.9
Household appliances	17.0	16.3	16.8	17.2	16.8	16.4	16.5	17.7	17.7	17.7	17.3	16.6	16.8
Electric lighting and wiring equipment	19.0	18.8	18.9	19.1	19.1	19.1	19.3	19.1	19.2	19.2	18.8	18.7	18.7
Communication equipment	11.2	10.7	10.7	10.6	10.9	11.0	11.2	11.3	11.4	11.6	11.6	11.6	11.6
Transportation equipment	144.9	140.4	143.5	144.2	144.6	145.3	146.3	144.7	145.3	143.9	145.9	146.9	148.2
Motor vehicles and equipment	97.5	94.4	97.5	97.7	98.0	98.4	99.0	97.5	97.3	95.6	97.3	97.9	98.7
Aircraft and parts	38.8	37.5	37.4	37.7	38.0	38.2	38.6	38.6	39.3	39.5	39.7	40.1	40.6
Instruments and related products	23.1	23.0	23.0	23.0	22.9	23.0	23.1	23.2	23.1	23.1	23.0	23.2	23.3
Measuring and controlling devices	12.4	12.3	12.4	12.4	12.3	12.3	12.3	12.5	12.5	12.5	12.4	12.6	12.7
Nondurable Goods[c]	353.6	346.5	346.1	348.7	350.4	352.6	355.7	355.4	358.3	360.3	357.4	356.3	355.5
Food and kindred products	62.8	61.8	61.0	61.3	61.6	62.0	63.2	63.5	65.1	66.4	63.6	62.3	62.2
Meat products	10.0	9.6	9.4	9.7	9.7	9.6	10.0	10.1	10.2	10.2	10.4	10.4	10.5
Dairy products	9.8	9.7	9.7	9.8	9.9	9.9	10.1	10.1	10.0	9.9	9.7	9.6	9.4
Preserved fruits and vegetables	10.7	10.3	10.1	9.8	10.1	10.2	10.2	10.3	11.9	13.6	11.0	10.2	10.4
Bakery products	8.6	8.5	8.4	8.6	8.6	8.7	8.8	8.9	8.9	8.7	8.5	8.5	8.4
Beverages	10.1	10.1	10.0	10.0	10.0	10.2	10.5	10.6	10.4	10.1	9.9	9.8	9.9
Apparel and other textile products	17.2	16.8	16.7	17.0	17.2	17.3	17.4	16.9	17.1	17.3	17.5	17.6	17.5

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1984[a] (Continued)

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
Paper and allied products	36.8	36.0	36.0	36.3	36.3	36.6	36.8	36.7	37.3	37.5	37.3	37.3	37.2
Misc. converted paper products	12.2	11.9	12.0	12.2	12.0	12.1	12.2	12.3	12.4	12.5	12.4	12.3	12.3
Paperboard containers and boxes	12.1	11.8	11.7	11.8	12.0	12.1	12.0	12.1	12.2	12.3	12.3	12.3	12.3
Printing and publishing	65.1	63.8	63.7	64.1	64.3	64.6	65.0	65.2	65.5	65.5	66.1	66.6	66.7
Newspapers	18.1	17.9	17.9	18.0	18.0	18.1	18.1	18.2	18.2	18.2	18.2	18.3	18.4
Commercial printing	24.1	23.3	23.3	23.4	23.7	23.9	23.9	24.0	24.3	24.5	24.9	25.1	25.1
Chemicals and allied products	62.7	62.0	61.9	62.2	62.5	63.1	63.7	63.5	63.3	63.1	62.7	62.4	62.4
Industrial inorganic chemicals	10.8	10.7	10.7	10.7	10.8	10.8	10.8	10.9	10.9	10.9	10.8	10.8	10.9
Rubber and misc. plastics products	90.8	88.2	88.6	89.5	90.7	90.9	91.3	91.2	91.5	92.0	91.9	92.1	91.7
Tires and inner tubes	20.3	20.2	20.2	20.2	20.3	20.2	20.3	20.4	20.3	20.3	20.4	20.3	20.4
Miscellaneous plastics products	49.6	47.5	47.7	48.5	49.1	49.3	49.6	49.7	50.0	50.8	50.7	50.9	50.7
NONMANUFACTURING	3133.1	3010.9	3022.4	3037.4	3089.1	3136.2	3161.4	3137.6	3149.2	3188.4	3215.0	3224.5	3225.6
MINING	27.8	27.0	26.7	26.7	27.0	27.8	28.4	29.1	28.9	28.7	28.4	27.9	27.3
Bituminous coal and lignite mining	11.7	11.8	11.7	11.7	11.9	11.9	12.1	12.3	12.0	12.0	11.6	11.1	10.8
Oil and gas extraction	11.7	11.5	11.5	11.1	10.9	11.3	11.6	11.9	12.0	11.8	12.0	12.1	12.0
CONSTRUCTION	144.8	118.0	116.2	117.3	130.6	141.9	152.8	159.9	164.2	163.5	166.1	158.6	148.7
General building contractors	35.9	30.0	29.8	30.0	32.9	35.1	37.9	39.3	40.0	40.5	40.3	38.5	36.9
Heavy construction contractors	20.2	14.5	12.8	13.1	16.5	20.1	22.9	24.0	25.6	25.3	26.2	22.7	18.8
Highway and street construction	8.4	4.0	3.9	4.3	6.3	8.9	10.6	11.1	11.9	11.9	11.3	9.7	7.1
Special trade contractors	88.7	73.5	73.5	74.3	81.2	86.7	92.0	96.6	98.5	97.7	99.7	97.4	93.1
TRANSPORTATION AND PUBLIC UTILITIES	203.9	199.5	200.3	201.6	203.4	205.4	206.3	205.8	206.1	205.5	205.5	203.9	203.7
Railroad transportation	18.6	17.4	17.8	17.8	18.5	19.2	19.3	19.5	19.3	19.1	19.0	18.3	17.7
Transportation, except railroads	93.2	88.0	89.0	90.3	91.7	93.1	94.1	94.3	95.1	95.2	95.8	95.6	96.1
Trucking and warehousing	67.5	63.7	64.9	65.8	66.5	67.3	67.9	68.1	68.8	68.8	69.3	69.3	70.0
Communication, electric, gas services	92.1	94.1	93.6	93.5	93.2	93.1	92.9	92.0	91.7	91.2	90.7	90.0	89.9
Communication	52.1	54.0	53.8	53.8	53.4	53.2	52.7	51.5	51.3	51.0	50.7	50.0	49.7
Electric, gas, and sanitary services	40.1	40.1	39.8	39.7	39.8	39.9	40.2	40.4	40.4	40.1	40.0	40.0	40.1
WHOLESALE TRADE	236.7	227.7	228.8	230.5	233.3	235.4	238.9	239.7	240.5	240.3	240.9	241.9	242.5
Wholesale trade-durable goods	150.1	144.2	145.1	146.3	147.7	149.0	151.3	152.3	152.8	152.5	153.1	153.5	153.8
Motor vehicles & automotive equipment	22.1	20.9	21.1	21.4	21.6	21.8	22.1	22.5	22.5	22.5	22.8	22.9	23.0
Electrical goods	20.2	19.7	19.8	19.9	19.9	20.1	20.3	20.3	20.3	20.4	20.3	20.5	20.5
Machinery, equipment, and supplies	62.3	60.0	60.2	60.7	61.3	61.7	62.6	63.0	63.3	63.2	63.7	64.1	64.3
Wholesale trade-nondurable goods	86.6	83.5	83.7	84.1	85.7	86.4	87.7	87.4	87.7	87.7	87.9	88.4	88.7
Groceries and related products	26.8	26.1	26.2	26.2	26.7	26.8	27.1	27.0	27.1	27.2	26.8	27.0	27.1

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1984[a] (Continued)
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
RETAIL TRADE	748.0	714.1	705.5	711.2	728.1	741.5	750.5	754.4	760.9	764.5	767.2	782.6	795.8
General merchandise stores	114.6	115.7	109.7	108.8	108.8	108.4	110.6	110.8	111.6	114.4	117.1	126.1	131.8
Department stores	105.2	106.6	100.8	99.8	99.8	100.2	101.4	101.3	102.2	105.0	107.5	116.1	121.3
Food stores	120.4	118.0	117.1	117.4	119.5	120.1	120.3	120.3	120.8	121.4	121.9	122.9	125.0
Automobile dealers and service stations	81.9	77.7	78.3	79.2	80.6	81.9	83.1	84.1	84.3	83.7	83.5	83.0	83.0
Apparel and accessory stores	35.1	34.5	33.6	33.7	34.2	34.4	34.6	34.5	35.2	35.0	35.8	37.2	38.6
Eating and drinking places	257.9	237.7	237.7	242.1	251.3	259.1	263.3	266.2	269.4	269.4	265.7	265.9	266.9
FINANCE, INSURANCE, AND REAL ESTATE	211.5	207.0	207.7	208.1	209.2	210.5	213.6	214.2	214.3	213.6	212.7	213.4	214.2
Banking	58.1	58.3	58.1	57.8	57.5	57.5	58.1	58.3	58.5	58.5	57.9	58.2	58.4
Credit agencies other than banks	33.0	32.1	32.3	32.5	32.7	32.8	33.3	33.3	33.5	33.4	33.3	33.5	33.7
Insurance carriers	57.6	57.1	57.3	57.4	57.4	57.6	58.0	57.9	57.9	58.0	57.5	57.6	57.8
Life insurance	21.9	21.8	21.8	21.7	21.9	22.0	22.1	21.9	22.0	22.1	21.9	21.9	22.0
Fire, marine, and casualty insurance	27.3	27.2	27.3	27.4	27.3	27.3	27.5	27.6	27.6	27.4	27.1	27.1	27.2
SERVICES	905.2	865.9	872.1	876.7	892.8	907.1	919.2	918.2	921.7	925.8	923.6	921.2	917.9
Hotels and other lodging places	31.0	28.9	29.1	29.4	29.8	31.0	32.6	33.4	33.6	32.4	31.1	30.8	30.4
Personal services	48.8	48.4	48.5	48.7	49.4	47.9	48.4	47.9	48.3	48.6	49.7	49.9	50.1
Laundry, cleaning, & garment services	17.0	16.4	16.3	16.4	16.6	16.9	17.1	17.0	17.0	17.1	17.6	17.6	17.6
Business services	152.5	138.5	139.7	141.5	145.9	148.2	151.7	156.1	159.1	160.3	162.3	162.5	163.6
Services to buildings	23.6	22.1	22.1	22.5	22.8	23.1	23.7	23.6	24.0	24.3	25.1	25.1	25.2
Computer and data processing services	13.0	12.2	12.4	12.5	12.6	12.6	12.8	13.2	13.4	13.4	13.6	13.8	13.9
Amusement and recreation services	37.9	26.8	26.8	26.6	33.8	42.9	48.7	50.5	51.0	46.3	35.5	32.8	31.4
Health services	322.1	318.9	319.1	319.4	319.5	320.6	323.7	323.6	323.8	324.2	323.7	324.0	324.6
Nursing and personal care facilities	67.3	64.6	64.9	65.2	65.7	66.5	67.5	68.3	68.8	69.0	68.9	69.1	69.2
Hospitals	168.3	170.9	170.7	170.0	169.1	168.6	169.5	168.1	167.4	167.4	166.3	166.1	165.8
Educational services	58.3	58.2	62.2	61.1	61.7	60.6	55.7	48.0	47.2	56.7	62.7	63.5	61.8
Colleges and universities	32.7	32.1	35.8	35.0	35.5	34.3	30.1	25.5	25.1	31.5	36.3	36.7	34.7
GOVERNMENT	655.2	651.9	665.1	665.3	664.7	666.7	651.6	616.4	612.6	646.5	670.5	675.1	675.6
Federal government	89.4	88.5	88.6	88.9	88.4	88.5	89.9	90.0	90.0	89.5	89.5	90.6	90.5
State government	140.5	137.1	146.1	147.2	145.8	145.3	139.1	123.5	123.8	134.4	147.2	148.1	148.6
State government education[d]	71.4	68.3	77.2	78.6	77.0	77.0	68.5	52.9	53.3	65.4	78.9	79.8	79.7
State government, except education	69.1	68.9	68.9	68.6	68.8	68.3	70.5	70.6	70.6	69.0	68.3	68.3	68.9
Local government	425.2	426.3	430.4	429.2	430.5	432.9	422.5	402.9	398.8	422.5	433.8	436.4	436.1
Local government education	241.7	246.4	250.9	250.6	250.7	251.2	234.1	210.2	208.1	238.6	250.9	254.6	254.5
Local government, except education	183.5	179.9	179.5	178.7	179.8	181.7	188.5	192.7	190.7	183.9	182.9	181.8	181.6

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-14-86 RS-790-1-0 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1983[a]
(in thousands)

1.

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	4092.5	3963.2	3961.6	3994.6	4039.6	4084.2	4110.4	4101.8	4096.0	4177.3	4184.7	4198.0	4199.0
MANUFACTURING	1066.0	1028.9	1030.4	1038.8	1047.0	1054.0	1063.0	1065.8	1076.6	1093.2	1095.9	1100.3	1098.6
Durable Goods[b]	723.6	694.9	695.5	702.8	710.0	715.8	721.2	722.5	730.4	741.5	746.9	752.2	749.9
Lumber and wood products	13.9	12.1	12.2	12.7	13.2	13.7	14.1	14.6	14.9	15.1	15.2	15.0	14.7
Furniture and fixtures	13.7	12.5	12.6	12.9	13.2	13.4	13.7	13.9	14.3	14.6	14.4	14.6	14.7
Stone, clay, and glass products	52.1	50.0	49.7	50.2	51.6	52.1	53.1	52.6	53.8	53.9	53.3	53.3	52.0
Glass and glassware, pressed or blown.	13.5	13.7	13.8	13.8	13.8	13.6	13.7	13.2	13.6	13.7	13.5	13.3	12.7
Primary metal industries	104.1	98.2	99.5	102.7	103.1	103.4	103.5	103.3	105.1	106.5	107.0	108.4	108.2
Blast furnace and basic steel products	51.7	48.1	48.8	52.1	51.9	52.0	51.6	51.7	52.7	52.0	52.2	53.5	53.2
Iron and steel foundries	20.4	20.0	19.9	19.7	20.0	19.9	19.9	19.7	20.3	21.1	21.0	21.2	21.3
Nonferrous rolling and drawing	18.1	17.0	17.5	17.5	17.7	17.8	18.2	18.2	18.1	18.7	18.9	18.7	18.7
Fabricated metal products	129.7	124.6	126.2	126.4	127.4	128.0	129.1	128.9	130.5	132.9	133.6	134.7	134.6
Cutlery, handtools, and hardware	11.0	10.3	10.6	10.8	10.8	11.0	11.1	11.1	11.2	11.2	11.2	11.2	11.2
Fabricated structural metal products	28.6	28.3	27.8	28.2	28.5	28.2	28.4	28.9	29.4	29.4	28.6	28.6	28.5
Metal forgings and stampings	39.2	35.5	37.1	37.3	37.7	38.4	38.9	38.2	38.7	40.3	41.9	42.8	43.2
Machinery, except electrical	154.3	154.0	151.4	151.1	151.7	152.6	152.3	153.6	154.2	156.8	156.8	157.9	157.3
Construction and related machinery	16.8	17.0	16.5	16.3	16.4	16.9	17.2	17.3	17.4	17.5	17.0	16.5	16.2
Metalworking machinery	38.8	40.2	38.8	38.6	38.5	38.1	38.3	38.7	38.5	38.6	38.6	39.0	39.5
Special industry machinery	16.5	16.3	16.0	15.8	15.9	16.0	16.1	16.6	16.7	17.0	17.0	17.3	17.5
General industrial machinery	29.5	29.1	28.8	28.5	28.5	29.0	29.5	29.7	29.7	30.0	30.1	30.3	30.7
Office and computing machines	12.4	12.3	12.2	12.2	12.2	12.2	12.4	12.1	12.7	12.6	12.5	12.7	12.8
Refrigeration and service machinery	15.7	15.0	15.0	15.3	15.7	15.9	14.9	15.4	15.5	16.1	16.3	16.5	16.8
Electric and electronic equipment	89.4	89.0	88.3	88.0	89.2	89.1	89.3	89.3	89.6	90.2	90.5	90.5	89.9
Electrical industrial apparatus	18.6	18.8	18.8	18.9	18.6	18.6	18.6	18.4	18.4	18.6	18.5	18.4	18.4
Household appliances	16.1	15.0	15.5	15.0	15.6	15.7	15.9	16.6	16.8	16.9	17.0	16.7	16.4
Electric lighting and wiring equipment	18.1	17.8	17.8	17.9	17.9	18.0	18.1	18.0	18.2	18.5	18.4	18.6	18.7
Communication equipment	10.3	10.2	10.1	10.1	10.1	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.7
Transportation equipment	132.1	122.7	123.6	126.3	127.8	130.2	132.2	131.9	133.1	135.8	140.0	141.7	140.1
Motor vehicles and equipment	87.4	79.2	80.2	82.5	83.5	85.7	87.2	87.0	88.1	90.2	94.7	96.4	94.3
Aircraft and parts	36.5	35.7	35.6	35.6	35.9	36.1	36.7	36.8	36.8	37.2	36.9	36.9	37.3
Instruments and related products	21.2	19.8	19.8	19.7	20.0	20.3	20.8	21.2	21.7	22.2	22.6	22.8	23.0
Measuring and controlling devices	11.9	11.7	11.6	11.6	11.7	11.8	11.8	11.9	12.0	12.1	12.3	12.3	12.4
Nondurable Goods[c]	342.4	334.0	334.8	336.0	337.1	338.2	341.9	343.3	346.2	351.7	349.0	348.1	348.8
Food and kindred products	63.4	62.5	62.2	62.5	62.2	62.2	63.7	63.3	64.4	67.3	64.3	62.9	63.0
Meat products	9.6	9.4	9.4	9.5	9.7	9.6	9.8	9.8	9.5	9.6	9.6	9.8	9.9
Dairy products	10.1	10.1	10.0	10.0	10.1	10.1	10.2	10.2	10.3	10.1	10.1	9.7	9.7
Preserved fruits and vegetables	10.3	9.3	9.2	9.3	9.1	9.4	9.9	10.2	11.3	13.9	11.3	10.4	10.4
Bakery products	9.5	9.6	9.6	9.6	9.8	9.8	9.9	9.5	9.4	9.5	9.1	8.9	8.8
Beverages	10.4	10.4	10.3	10.4	10.3	10.1	10.6	10.5	10.7	10.6	10.3	10.3	10.3

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1983[a] (Continued)
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
Apparel and other textile products	16.3	15.6	15.6	15.8	15.9	16.1	16.4	16.4	16.5	16.9	16.9	16.8	16.7
Paper and allied products	35.0	34.6	34.5	34.5	34.4	34.4	34.8	35.1	35.2	35.8	35.5	35.6	35.7
Misc. converted paper products	11.4	11.1	11.1	11.2	11.3	11.2	11.3	11.5	11.7	11.7	11.5	11.6	11.6
Paperboard containers and boxes	11.5	11.3	11.3	11.2	11.2	11.3	11.6	11.5	11.5	11.7	11.8	11.7	11.7
Printing and publishing	62.8	61.7	62.1	62.5	62.4	62.4	62.6	62.4	62.8	63.2	63.5	64.0	64.3
Newspapers	17.9	17.9	17.9	17.9	17.8	17.9	17.8	17.8	17.9	18.0	18.0	18.1	18.1
Commercial printing	22.8	22.5	22.7	22.8	22.8	22.8	22.8	22.4	22.5	22.8	23.1	23.3	23.5
Chemicals and allied products	63.4	64.0	63.8	63.7	63.7	63.7	63.7	63.4	63.5	63.1	62.8	62.6	62.7
Industrial inorganic chemicals	11.3	12.0	12.0	11.7	11.7	11.5	11.3	11.1	11.2	11.[illegible]	11.0	10.9	10.8
Rubber and misc. plastics products	82.7	77.1	78.2	78.7	79.9	80.7	81.7	83.4	84.5	86.2	86.9	87.4	87.7
Tires and inner tubes	20.2	20.3	20.2	20.2	20.2	20.2	20.1	20.3	20.3	20.2	20.4	20.3	20.2
Miscellaneous plastics products	43.2	38.8	39.5	39.7	41.0	41.8	42.6	43.8	44.5	46.0	46.6	46.9	47.3
NONMANUFACTURING	302[illegible].5	2934.4	2931.3	2955.8	2992.6	3030.2	3047.4	3036.1	3019.4	3084.1	3088.9	3097.6	3100.4
MINING	26.6	26.6	25.4	25.0	25.1	25.5	26.9	27.2	27.2	27.3	27.5	27.6	27.3
Bituminous coal and lignite mining	11.1	11.1	10.7	10.2	10.3	10.4	11.5	11.5	11.4	11.5	11.6	11.7	11.6
Oil and gas extraction	11.2	12.0	11.3	11.0	10.7	10.7	10.9	11.1	11.2	11.2	11.4	11.5	11.6
CONSTRUCTION	130.8	107.3	103.6	109.3	116.0	126.4	135.6	144.1	147.5	148.6	149.3	145.6	135.9
General building contractors	32.0	26.5	25.6	27.0	28.7	30.8	32.9	35.2	35.8	36.0	35.8	35.2	34.0
Heavy construction contractors	19.5	14.0	13.2	14.4	16.1	19.2	21.6	22.5	23.5	23.6	24.1	22.7	18.7
Highway and street construction	7.5	3.8	3.5	4.1	5.6	7.9	9.3	9.8	10.2	10.2	10.2	9.3	6.6
Special trade contractors	79.3	66.8	64.8	67.9	71.2	76.3	81.2	86.4	88.2	89.0	89.4	87.6	83.2
TRANSPORTATION AND PUBLIC UTILITIES	198.5	194.3	193.5	194.7	196.9	199.2	201.6	202.2	186.1	203.2	203.6	203.0	203.4
Railroad transportation	18.9	18.6	18.0	18.2	18.7	19.3	19.4	19.7	19.2	19.3	19.3	19.0	18.6
Transportation, except railroads	86.4	80.6	81.0	82.1	83.8	85.5	87.2	87.9	88.3	89.7	89.9	89.5	90.8
Trucking and warehousing	62.7	58.5	59.0	59.8	60.6	61.6	63.0	63.5	64.0	64.9	65.0	65.4	66.6
Communication, electric, gas services ..	93.2	95.1	94.6	94.4	94.4	94.5	95.0	94.7	78.6	94.2	94.5	94.4	93.9
Communication	52.8	54.4	54.2	54.1	54.1	54.1	54.3	53.9	37.9*	53.9	54.4	54.4	53.8
Electric, gas, and sanitary services .	40.4	40.7	40.3	40.2	40.2	40.4	40.7	40.8	40.7	40.3	40.1	40.0	40.1
WHOLESALE TRADE	222.5	216.5	215.6	216.7	218.6	220.1	222.4	224.6	225.7	226.1	227.0	227.8	229.1
Wholesale trade-durable goods	139.7	135.8	135.2	135.8	137.0	137.6	139.1	140.9	141.6	142.2	142.9	143.9	144.7
Motor vehicles & automotive equipment.	20.6	20.1	19.9	19.9	20.1	20.2	20.5	20.9	20.9	20.9	21.1	21.1	21.1
Electrical goods	18.9	18.5	18.3	18.5	18.4	18.5	18.7	18.8	19.0	19.1	19.3	19.6	19.8
Machinery, equipment, and supplies ...	58.3	57.2	57.0	57.1	57.5	57.7	58.0	58.7	58.9	59.1	59.2	59.5	60.0
Wholesale trade-nondurable goods	82.8	80.7	80.4	80.9	81.6	82.5	83.3	83.8	84.0	83.9	84.1	84.0	84.4
Groceries and related products	25.8	25.2	25.1	25.2	25.4	25.7	26.1	26.1	26.1	26.2	26.2	26.3	26.3
RETAIL TRADE	711.0	682.5	670.1	677.1	694.6	706.2	713.5	719.2	723.9	728.5	726.9	737.6	751.8
General merchandise stores	111.6	113.4	106.2	106.1	107.2	107.7	108.1	107.9	108.3	110.8	113.3	121.4	128.6
Department stores	102.7	104.6	97.6	97.5	98.4	98.8	99.2	99.1	99.6	102.0	104.4	112.3	119.0
Food stores	117.2	114.6	113.6	113.4	115.1	116.5	117.0	118.1	118.0	119.2	118.8	120.4	122.1
Automobile dealers & service stations ..	76.2	73.4	72.8	73.7	74.7	75.2	76.2	77.6	78.5	78.5	78.0	77.7	77.6
Apparel and accessory stores	33.9	33.6	32.5	32.6	32.9	33.2	33.3	33.2	33.9	34.0	34.6	35.6	37.5
Eating and drinking places	242.7	224.0	222.9	227.9	238.5	245.3	249.8	252.4	254.5	254.4	248.5	246.7	247.3

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1983[a] (Continued)
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
FINANCE, INSURANCE, AND REAL ESTATE	207.8	205.4	205.3	206.0	206.9	207.9	210.0	210.7	210.5	209.0	207.4	206.9	207.4
Banking	58.5	58.8	58.7	58.4	58.3	58.4	58.8	58.9	58.8	58.4	58.1	58.1	58.1
Credit agencies other than banks	31.3	30.1	30.4	30.6	30.9	31.1	31.6	31.7	31.8	31.8	31.7	31.9	32.2
Insurance carriers	58.1	59.0	58.9	58.9	58.7	58.6	58.6	58.2	57.9	57.4	57.2	56.9	56.9
Life insurance	23.0	23.7	23.5	23.6	23.5	23.4	23.3	22.9	22.8	22.6	22.4	22.3	22.1
Fire, marine, and casualty insurance .	27.2	27.7	27.7	27.6	27.4	27.4	27.5	27.3	27.0	26.8	26.7	26.5	26.6
SERVICES	873.3	843.5	849.2	856.0	867.2	874.5	884.1	885.8	884.2	893.3	883.8	881.3	877.2
Hotels and other lodging places	29.4	27.0	27.0	27.4	28.0	29.4	30.7	31.5	31.8	30.9	30.0	29.6	29.5
Personal services	46.7	47.0	46.9	47.2	47.4	45.8	46.0	46.0	45.9	46.9	46.9	47.0	47.2
Laundry, cleaning, & garment services.	16.5	16.0	16.0	16.1	16.4	16.6	16.7	16.6	16.5	16.7	16.7	16.7	16.6
Business services	130.5	120.6	121.9	123.4	125.4	127.4	129.9	133.7	135.3	137.2	136.8	136.7	137.8
Services to buildings	21.8	20.8	20.8	21.0	21.8	22.0	22.1	22.1	22.3	22.4	22.2	22.2	22.4
Computer and data processing services.	11.4	10.8	10.8	10.9	11.0	11.1	11.3	11.5	11.6	11.7	11.8	11.9	11.9
Amusement and recreation services	37.4	27.0	27.0	28.3	35.2	41.8	47.7	49.5	49.3	46.3	34.4	30.9	30.8
Health services	319.0	315.4	314.8	315.7	316.2	316.8	319.3	322.4	322.7	322.3	320.8	320.7	320.7
Nursing and personal care facilities .	63.6	62.1	62.1	62.1	62.5	62.8	63.5	64.3	64.7	64.5	64.5	64.8	65.1
Hospitals	174.2	174.3	173.8	173.9	174.0	173.9	174.8	175.8	175.6	174.9	173.7	172.9	172.1
Educational services	57.7	59.2	63.8	63.5	62.0	59.1	53.5	45.4	43.4	55.5	61.8	64.5	60.7
Colleges and universities	31.4	32.0	35.9	35.4	34.4	31.4	26.8	22.8	21.4	30.4	35.2	37.0	33.9
GOVERNMENT	656.1	658.2	668.5	671.0	667.3	670.5	653.3	622.2	614.4	648.1	663.4	667.8	668.2
Federal government	88.6	88.1	87.7	88.0	88.0	88.1	88.7	89.9	89.3	88.8	88.3	88.9	89.1
State government	140.1	141.0	146.1	146.8	146.7	145.2	135.3	124.3	122.5	135.5	145.1	146.0	147.0
State government education[d]	69.8	70.1	75.3	76.2	76.3	75.0	63.8	52.5	51.0	65.7	76.3	77.4	77.8
State government, except education ...	70.4	70.9	70.7	70.6	70.4	70.2	71.5	71.9	71.4	69.9	68.8	68.6	69.3
Local government	427.3	429.1	434.7	436.1	432.6	437.1	429.3	408.0	402.7	423.8	430.0	432.8	432.0
Local government education	243.1	249.8	256.1	256.7	252.9	254.6	239.0	210.4	207.4	238.7	246.8	252.2	251.1
Local government, except education ...	184.2	179.3	178.6	179.5	179.7	182.5	190.3	197.7	195.3	185.1	181.2	180.6	180.9

---

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classification are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-27-86 RS-790-1-0 (1983)

The Ohio Labor Force, 1985

—Richard S. Warman, Chief
Labor Force Reports

Each month, the U.S. Bureau of the Census conducts a national household survey, the Current Population Survey (CPS), which the U.S. Bureau of Labor Statistics uses to measure the nation's employment and unemployment. Statewide labor force estimates for Ohio and ten other large states are derived directly from the CPS.

According to CPS data (see attached table), the Ohio civilian labor force averaged 5,130,000 in 1985, comprising 4,675,000 employed and 455,000 unemployed. The unemployment rate was 8.9 percent, down from 9.4 percent in 1984.

For men, the unemployment rate was 9.2 percent, compared to 8.5 percent for women. Contrary to the norm in earlier years, men have had higher unemployment rates than women since 1980, when Ohio entered an extended period of economic recession. Industries with predominantly male work forces—construction, manufacturing, and transportation and public utilities—were hard hit and, despite recent gains, have not returned to pre-1980 employment levels. On the other hand, the two industries with the highest proportion of female employees—services and finance, insurance, and real estate—added workers even during the recessions of the early 1980's.

Unemployment rates were highest for young workers (16-24)—17.6 percent for men and 14.1 percent for women. For prime-age workers (25-54), the rates were 7.8 percent for men and 7.4 percent for women. Older workers (55 and over) had the lowest rates and only in this age group was the female rate higher—4.4 percent versus 3.4 for men.

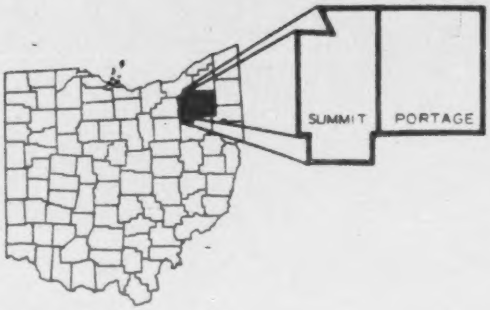
Last year, the nonwhite unemployment rate (17.8 percent) was more than double the rate for white workers (7.9 percent). White men had an unemployment rate of 8.2 percent, compared to 19.4 percent for nonwhite men. Among women, the gap was somewhat smaller, with rates of 7.4 and 16.3 percent for white and nonwhite women, respectively. The result was that nonwhites (both sexes) made up 10.1 percent of the labor force, but 20.2 percent of the unemployed. Women comprised 43.6 percent of the labor force and 41.8 percent of the unemployed.

Later this year, the Ohio Bureau of Employment Services will provide additional labor force information in its publication, "Ohio at Work: A Chartbook For 1985."

Employment Status of the Civilian Labor Force
By Sex, Age Group, and Race, Ohio, 1985

Characteristic	Civilian Labor Force	Employed	Unemployed	Unemployment Rate (Percent)
Total, age 16 and over	5,130,000	4,675,000	455,000	8.9
Men, total	2,892,000	2,628,000	265,000	9.2
Young Men (16-24)	579,000	476,000	102,000	17.6
Prime-Age Men (25-54)	1,906,000	1,757,000	148,000	7.8
Older Men (55 and over)	408,000	394,000	14,000	3.4
Women, total	2,237,000	2,047,000	190,000	8.5
Young Women (16-24)	510,000	439,000	72,000	14.1
Prime-Age Women (25-54)	1,458,000	1,350,000	108,000	7.4
Older Women (55 and over)	270,000	258,000	12,000	4.4
White, total	4,613,000	4,251,000	363,000	7.9
White Men	2,640,000	2,423,000	216,000	8.2
White Women	1,974,000	1,827,000	147,000	7.4
Nonwhite, total	517,000	424,000	92,000	17.8
Nonwhite Men	252,000	205,000	49,000	19.4
Nonwhite Women	263,000	220,000	43,000	16.3

AKRON
PRIMARY METROPOLITAN STATISTICAL AREA

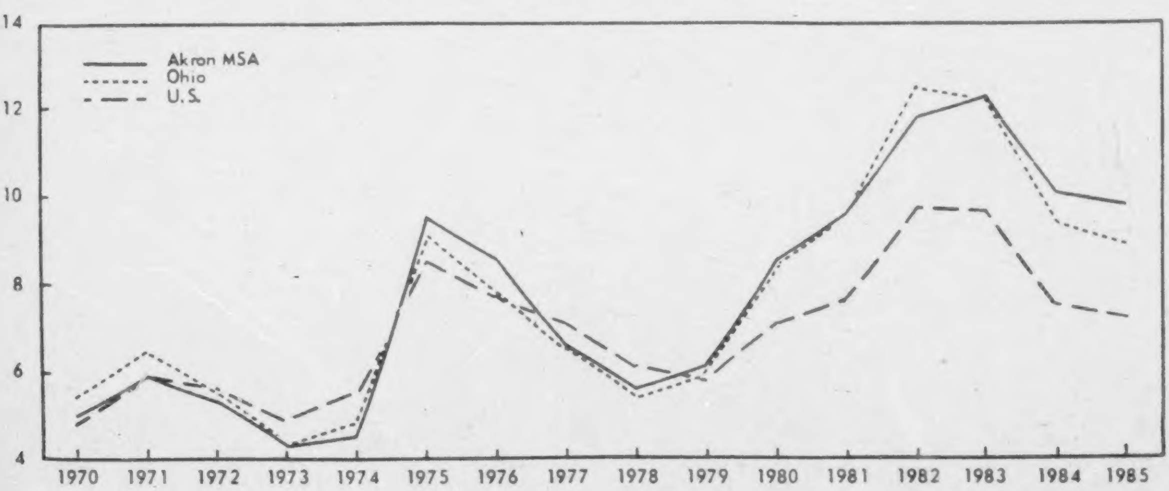


In the Akron metropolitan area, the 1985 estimated annual average civilian labor force, based on place of residence, was virtually unchanged from 1984, at 316,400. A rise in total employment of 2,700 was recorded over the year, while unemployment showed a decrease of 2,800, to a 1985 level of 27,800. The unemployment rate declined from 9.7 percent in 1984, to 8.8 percent in 1985 (see table, page 39).

Nonagricultural wage and salary employment in the Akron area increased 2.4 percent, from 252,200 in 1984 to 258,300 in 1985. Since the 1979-1983 economic downturns, the rubber and miscellaneous plastics products industry has shown signs of improvement. However, the expansion occurred in plastics products, rather than tires and inner tubes; rubber industry employment continues to decline gradually. Fabricated metals and nonelectrical machinery have shown small gains over the last year in the Akron area. Moderate increases in retail trade, services, and government have helped offset the losses in some manufacturing industries (see table, page 39).

The major growth sector in the Akron metropolitan area since the 1979-1983 recession period has been retail trade, with a net gain of 3,900 jobs from 1983 to 1985. More than 2,300 jobs were added in services. Most major industries in the area reflect a slight but steady recovery (see table, page 39).

AKRON MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



CIVILIAN LABOR FORCE ESTIMATES

(Absolute data in thousands)

Akron Primary Metropolitan Statistical Area [a]

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate [b]		
				Akron	Ohio	U.S.
1970	276.4	262.5	13.8	5.0	5.4	4.9
1971	277.7	261.3	16.3	5.9	6.5	5.9
1972	282.2	267.3	14.8	5.3	5.5	5.6
1973	287.1	274.9	12.2	4.3	4.3	4.9
1974	290.8	277.7	13.0	4.5	4.8	5.6
1975	292.0	264.3	27.7	9.5	9.1	8.5
1976	291.3	266.3	25.0	8.6	7.8	7.7
1977	294.2	274.7	19.5	6.6	6.5	7.1
1978	298.9	282.2	16.7	5.6	5.4	6.1
1979	303.8	285.4	18.4	6.1	5.9	5.8
1980	304.5	278.3	26.2	8.6	8.4	7.1
1981	304.1	274.9	29.1	9.6	9.6	7.6
1982	303.9	268.0	35.9	11.8	12.5	9.7
1983	302.5	265.2	37.3	12.3	12.2	9.6
1984	316.5	285.8	30.6	9.7	9.4	7.5
1985	316.4	288.5	27.9	8.8	8.9	7.2

[a] These data are estimates based on place of residence.

[b] Unemployment as percentage of civilian labor force.

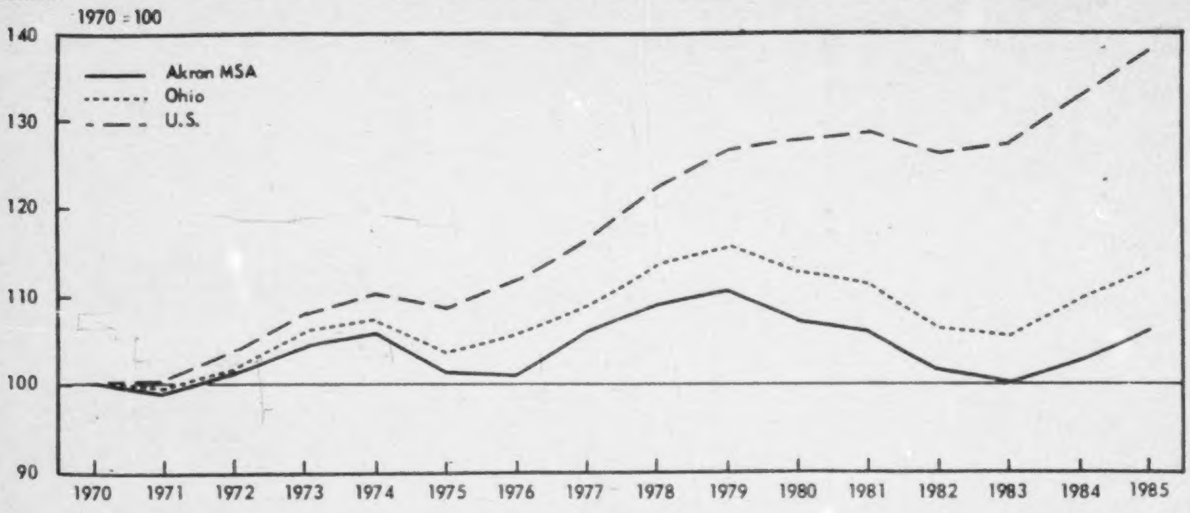
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES IN THE AKRON METROPOLITAN STATISTICAL AREA

1979, 1983, and 1985

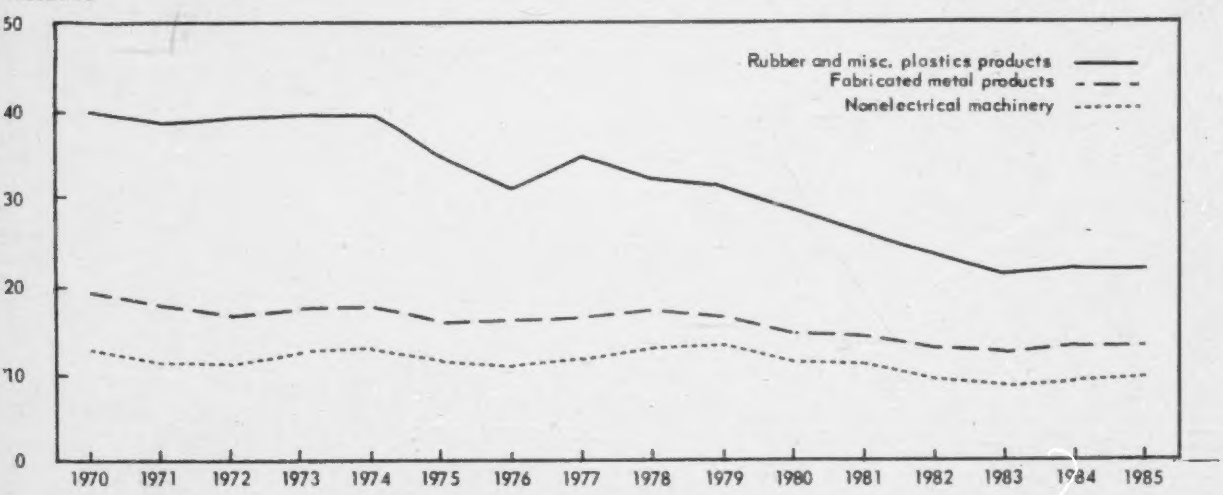
Industry	Employment (in thousands) 1979	1983	1985	Employment Change 1979-1983	1983-1985	Percent Recovery Akron	Ohio
TOTAL	270.9	244.7	258.3	-26.2	13.6	51.9	72.9
MANUFACTURING	85.6	65.2	67.9	-20.4	2.7	13.2	18.1
Durable Goods	41.8	32.7	35.4	-9.1	2.7	29.7	17.7
Fabricated metal products	16.3	12.3	13.0	-4.0	0.7	17.5	20.1
Machinery, except electrical	13.0	8.5	9.5	-4.5	1.0	22.2	17.2
Nondurable Goods	43.9	32.5	32.5	-11.4	0.0	0.0	19.5
Rubber and misc. plastics products	31.6	21.6	21.9	-10.0	0.3	3.0	34.6
Tires and inner tubes	24.7	15.5	15.2	-9.2	-0.3	-	-
CONSTRUCTION	9.2	6.9	8.3	-2.3	1.4	60.9	44.7
TRANSPORTATION AND PUBLIC UTILITIES	15.2	12.5	12.8	-2.7	0.3	11.1	11.9
WHOLESALE TRADE	11.9	11.9	13.4	0.0	1.5	+	233.0
RETAIL TRADE	46.2	45.3	49.2	-0.9	3.9	433.3	251.0
FINANCE, INSURANCE, AND REAL ESTATE	9.4	9.1	9.6	-0.3	0.5	166.7	+
SERVICES	49.7	52.3	54.6	2.6	2.3	+	+
GOVERNMENT	43.2	40.7	41.7	-2.5	1.0	40.0	48.0
State government	12.4	13.1	13.8	0.7	0.7	+	+
Local government	28.7	25.5	25.7	-3.2	0.2	6.3	16.1

+ No downturn, 1979-1983
- No upturn, 1983-1985

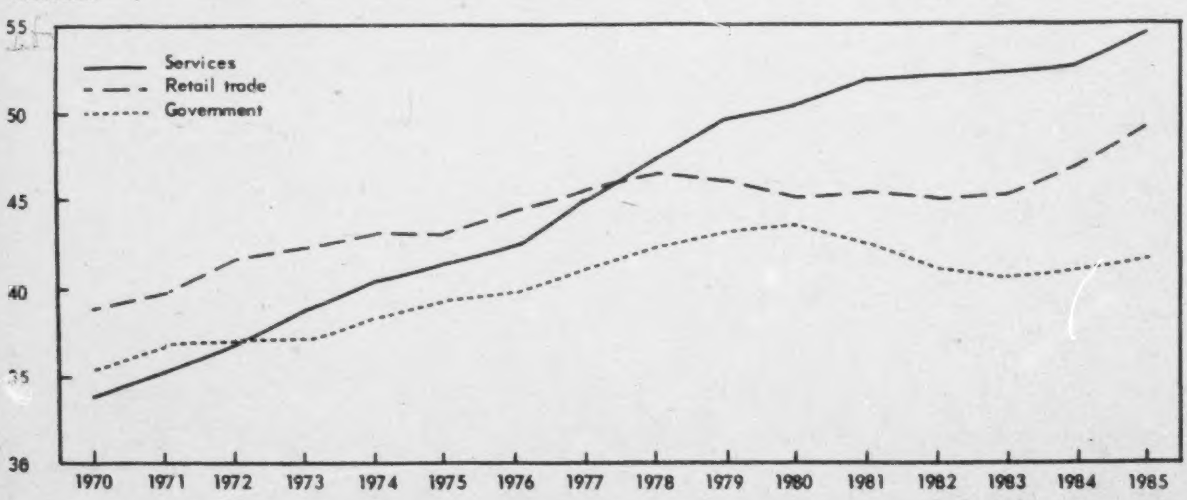
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



AKRON MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)

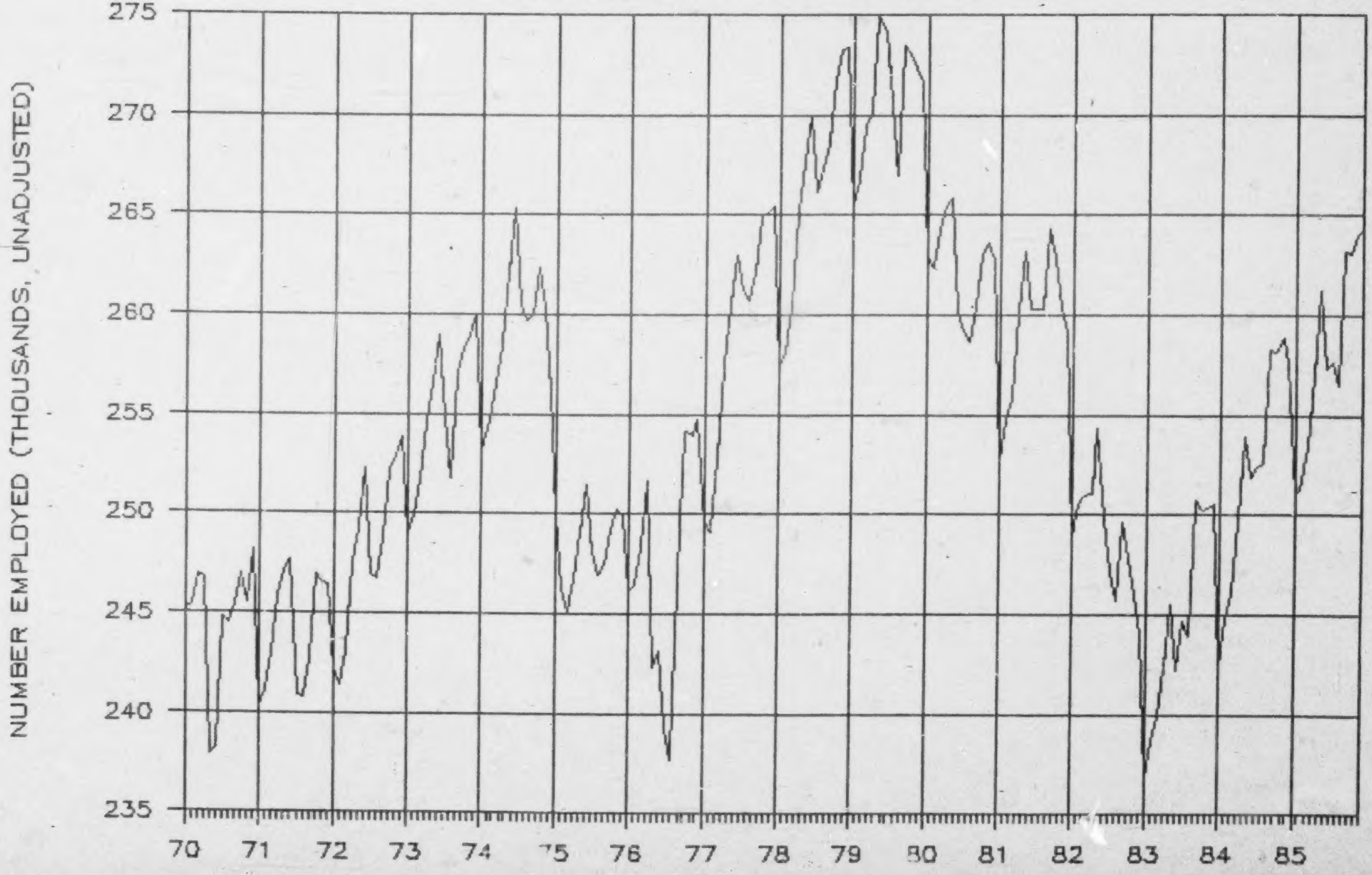


AKRON MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)



AKRON PMSA

TOTAL NONAGRICULTURAL EMPLOYMENT



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA, 1985[a]
(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	258.3	251.1	251.3	253.4	257.8	261.2	257.3	257.6	256.5	263.2	263.1	264.0	264.3
MANUFACTURING	67.9	68.2	68.2	68.3	68.6	68.7	68.7	68.1	66.9	67.4	67.0	67.2	66.8
Durable Goods[b]	35.4	35.3	35.2	35.5	35.8	35.8	35.8	35.3	34.4	35.2	35.2	35.4	35.3
Fabricated metal products	13.0	13.2	13.0	13.0	13.1	13.2	13.3	12.9	12.1	12.9	13.0	13.0	12.9
Machinery, except electrical	9.5	9.5	9.5	9.7	9.6	9.5	9.5	9.5	9.4	9.4	9.4	9.5	9.5
Metalworking machinery	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.1	3.1	3.1
Nondurable Goods[c]	32.5	32.9	33.0	32.9	32.9	32.9	32.9	32.7	32.5	32.2	31.8	31.8	31.5
Food and kindred products	2.8	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Chemicals and allied products	2.7	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
Rubber and misc. plastics products	21.9	22.5	22.6	22.4	22.3	22.2	22.1	21.9	21.7	21.6	21.2	21.2	20.8
Tires and inner tubes	15.2	15.7	15.8	15.8	15.7	15.6	15.4	15.1	14.9	14.8	14.6	14.5	14.2
NONMANUFACTURING[d]	190.5	183.0	183.0	185.0	188.4	192.5	[e] 188.6	189.5	189.7	195.8	196.1	196.8	197.5
CONSTRUCTION	8.3	6.5	5.9	6.4	7.5	8.5	8.8	9.3	9.5	9.6	9.5	9.1	8.4
TRANSPORTATION AND PUBLIC UTILITIES	12.8	12.6	12.7	12.8	12.8	12.8	12.8	12.8	12.8	12.9	12.9	12.9	13.0
Communication, electric, gas services	5.3	5.2	5.2	5.2	5.2	5.3	5.3	5.3	5.3	5.3	5.2	5.3	5.3
WHOLESALE TRADE	13.4	13.1	13.0	13.1	13.3	13.3	13.4	13.6	13.6	13.6	13.7	13.8	13.8
RETAIL TRADE	49.2	47.8	46.9	47.6	48.4	49.0	49.0	49.2	49.6	50.0	50.2	51.1	52.2
General merchandise stores	6.8	6.9	6.5	6.5	6.6	6.6	6.5	6.6	6.5	6.5	6.8	7.2	7.7
FINANCE, INSURANCE, AND REAL ESTATE	9.6	9.3	9.3	9.3	9.5	9.6	9.6	9.7	9.7	9.9	9.8	9.9	9.9
Banking	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.1	3.2	3.2	3.2	3.2
SERVICES	54.6	51.4	51.5	51.9	53.2	55.2	56.1	56.8	56.8	56.3	55.6	55.4	55.4
Business services	10.4	9.9	9.8	9.9	9.8	10.2	10.4	10.6	10.7	10.8	10.8	10.8	11.0
Amusement and recreation services	3.0	2.1	2.1	2.0	2.6	3.6	4.1	[illegible]	4.4	3.6	2.7	2.5	2.4
Health services	17.5	17.4	17.4	17.5	17.4	17.5	17.5	17.7	17.5	17.6	17.5	17.5	17.4
GOVERNMENT	41.7	41.4	42.8	43.0	43.0	43.4	38.0	37.3	36.9	42.7	43.4	43.7	44.1
State government	13.8	13.4	14.7	15.1	14.8	14.9	9.8	10.4	10.4	15.1	15.4	15.5	15.6
State government education	10.9	10.5	11.8	12.2	12.0	12.0	6.9	7.4	7.4	12.2	12.6	12.6	12.7
State government, except education	2.9	2.9	2.9	2.9	2.8	2.9	3.0	3.0	3.0	2.9	2.8	2.8	2.9
Local government	25.7	26.0	26.0	25.8	25.9	26.4	25.9	24.7	24.2	25.5	25.9	26.0	26.2
Local government education	13.7	14.3	14.4	14.2	14.0	14.2	13.3	11.9	12.0	13.5	14.0	14.2	14.4
Local government, except education	12.0	11.7	11.6	11.6	11.9	12.2	12.5	12.7	12.3	12.0	11.8	11.8	11.7

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-1-1 (1985)

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$11.00	$10.89	$10.85	$11.12	$11.08	$10.99	$11.07	$10.99	$10.67	$11.09	$11.02	$11.03	$11.21
Durable ~~Goods~~[b]	11.36	11.26	11.12	11.56	11.51	11.37	11.45	11.39	10.94	11.43	11.35	11.30	11.55
Fabricated metal products	13.68	13.28	13.23	[illegible]	14.29	13.97	13.85	13.66	12.92	13.86	13.60	13.30	13.87
Machinery, except electrical	9.64	9.60	9.46	9.51	9.42	9.41	9.53	9.61	9.67	9.90	9.74	9.80	9.91
Metalworking machinery	9.57	9.81	9.72	9.66	9.54	9.48	9.52	9.50	9.44	9.42	9.44	9.59	9.72
Nondurable Goods[c]	10.44	10.26	10.42	10.41	10.38	10.38	10.49	10.37	10.28	10.57	10.49	10.61	10.67
Food and kindred products	10.58	10.31	10.59	10.60	10.56	10.62	10.58	10.67	10.56	10.57	10.48	10.67	10.76
Chemicals and allied products	10.76	10.77	10.49	10.79	10.62	10.78	10.60	10.61	10.74	10.81	11.05	11.00	10.80
Rubber and misc. plastics products	10.77	10.52	10.74	10.68	10.73	10.74	10.85	10.86	10.66	10.80	10.72	10.90	11.00
Tires and inner tubes	13.84	13.41	13.71	13.57	13.66	13.62	13.89	14.13	13.91	14.11	13.94	14.04	14.18
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services	12.88	12.45	12.56	12.51	12.58	12.60	12.61	12.89	13.13	13.24	13.37	13.36	13.24
WHOLESALE TRADE	8.46	8.28	8.50	8.48	8.46	8.48	8.26	8.53	8.52	8.49	8.53	8.51	8.47
RETAIL TRADE[d]	6.06	5.92	5.99	5.98	6.05	6.02	6.12	6.12	6.14	6.18	6.15	6.06	5.96

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-4-1 (1985)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	43.2	44.1	43.4	44.0	43.3	43.0	43.5	42.6	42.1	42.9	42.1	43.0	44.1
Durable Goods[b]	43.5	45.2	43.9	44.8	44.3	43.5	43.5	42.8	41.8	42.9	42.1	43.0	44.3
Fabricated metal products	44.2	46.3	43.4	46.6	45.7	44.9	44.9	44.3	39.9	41.6	42.5	43.6	45.7
Machinery, except electrical	44.6	46.0	45.7	44.9	44.5	44.0	44.2	43.2	44.1	45.9	43.1	43.8	45.7
Metalworking machinery	44.0	45.6	44.3	44.0	44.1	43.5	44.8	42.8	43.3	43.9	42.9	43.9	44.9
Nondurable Goods[c]	42.6	42.3	42.5	42.9	41.9	42.1	43.6	42.4	42.5	42.9	42.0	42.9	43.8
Food and kindred products	43.6	43.0	43.6	42.3	43.2	45.1	43.9	44.7	44.4	43.9	42.9	43.0	43.7
Chemicals and allied products	41.4	44.7	40.9	41.0	40.7	41.7	41.7	40.0	40.7	40.5	41.6	42.2	41.1
Rubber and misc. plastics products	44.0	43.2	44.0	44.6	43.6	43.5	45.4	43.9	44.0	43.8	42.8	44.0	45.1
Tires and inner tubes	47.3	45.7	47.6	47.3	47.0	47.3	49.4	47.6	47.3	47.2	45.2	47.2	48.7
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	40.9	40.3	40.4	40.5	40.8	40.7	41.0	41.1	41.0	41.4	41.5	41.5	41.1
WHOLESALE TRADE	38.5	38.8	38.2	37.9	38.8	38.2	39.9	39.3	38.3	38.2	37.8	38.1	38.2
RETAIL TRADE	29.9	29.6	29.3	30.0	30.0	30.8	30.5	30.5	30.2	29.4	29.5	29.1	29.5

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-31-86 RS-790-3-1 (1985)

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$475.20	$480.25	$470.89	$489.28	$479.76	$472.57	$481.55	$468.17	$449.21	$475.76	$463.94	$474.29	$494.36
Durable Goods[b]	494.16	508.95	488.17	517.89	509.89	494.60	498.08	487.49	457.29	490.35	477.84	485.90	511.67
Fabricated metal products	604.66	614.86	574.18	659.39	653.05	627.25	621.87	605.14	515.51	576.58	578.00	579.88	633.86
Machinery, except electrical	429.94	441.60	432.32	431.49	419.19	414.04	421.23	415.15	426.45	454.41	419.79	429.24	452.89
Metalworking machinery	421.08	447.34	430.60	425.04	420.71	412.38	426.50	406.60	408.75	413.54	404.98	421.00	436.43
Nondurable Goods[c]	444.74	434.00	442.85	446.59	434.92	437.00	457.36	439.69	436.90	453.45	440.58	455.17	467.35
Food and kindred products	461.29	443.33	461.72	448.38	456.19	478.96	464.46	476.95	468.86	464.02	449.59	458.81	470.21
Chemicals and allied products	445.46	481.42	429.04	442.39	432.23	449.53	442.02	424.40	437.12	437.81	459.68	464.20	443.88
Rubber and misc. plastics products	473.88	454.46	472.56	476.33	467.83	467.19	492.59	476.75	469.04	473.04	458.82	479.60	496.10
Tires and inner tubes	654.63	612.84	652.60	641.86	642.02	644.23	686.17	672.59	657.94	665.99	630.09	662.69	690.57
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services ...	526.79	501.74	507.42	506.66	513.26	512.82	517.01	529.78	538.33	548.14	554.86	554.44	544.16
WHOLESALE TRADE	325.71	321.26	324.70	321.39	328.25	323.94	329.57	335.23	326.32	324.32	322.43	324.23	323.55
RETAIL TRADE[d]	181.19	175.23	175.51	179.40	181.50	185.42	186.66	186.66	185.43	181.69	181.43	176.35	175.82

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-31-86 RS-790-2-1 (1985)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA, 1984[a]
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	252.2	242.5	244.8	246.0	249.8	254.0	251.9	252.4	252.6	258.3	258.1	258.9	257.6
MANUFACTURING	67.9	65.8	66.1	66.3	67.0	67.9	68.7	68.6	68.4	69.0	69.1	69.0	68.6
Durable Goods[b]	35.0	33.4	33.7	33.9	34.3	35.1	35.6	35.4	35.3	35.8	36.0	36.0	35.6
Fabricated metal products	13.1	12.6	12.8	12.8	13.0	13.3	13.3	13.1	12.9	13.3	13.2	13.3	13.1
Machinery, except electrical	9.2	8.7	8.7	8.8	8.9	9.0	9.1	9.3	9.5	9.6	9.7	9.7	9.6
Metalworking machinery	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2
Nondurable Goods[c]	32.9	32.3	32.4	32.4	32.7	32.8	33.1	33.3	33.1	33.2	33.1	33.0	32.9
Food and kindred products	2.6	2.5	2.5	2.5	2.5	2.6	2.7	2.7	2.7	2.8	2.7	2.7	2.6
Chemicals and allied products	2.8	2.9	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.8	2.8	2.7
Rubber and misc. plastics products	22.2	21.8	21.9	21.9	22.1	22.1	22.2	22.4	22.4	22.4	22.4	22.4	22.4
Tires and inner tubes	15.4	15.3	15.3	15.3	15.4	15.3	15.3	15.4	15.4	15.4	15.5	15.4	15.5
NONMANUFACTURING[d]	184.4	176.7	178.7	179.7	182.8	186.1	183.3	183.8	184.2	189.3	189.0	189.8	189.0
CONSTRUCTION	7.6	5.8	5.6	5.8	6.8	7.6	8.3	8.7	8.9	8.9	8.8	8.5	7.7
TRANSPORTATION AND PUBLIC UTILITIES	13.0	12.7	12.9	13.0	13.1	13.1	13.1	13.1	13.2	13.0	13.0	12.9	12.8
Communication, electric, gas services	5.4	5.5	5.6	5.6	5.6	5.6	5.5	5.4	5.4	5.3	5.3	5.3	5.2
WHOLESALE TRADE	13.0	12.3	12.4	12.5	12.8	13.1	13.2	13.2	13.2	13.2	13.3	13.4	13.3
RETAIL TRADE	47.0	45.3	44.9	45.2	45.9	46.4	46.8	46.9	47.3	47.6	48.1	49.3	49.9
General merchandise stores	6.8	6.8	6.5	6.4	6.5	6.5	6.5	6.4	6.5	6.5	7.1	7.6	7.9
FINANCE, INSURANCE, AND REAL ESTATE	9.2	9.1	9.1	9.1	9.1	9.2	9.3	9.3	9.4	9.4	9.2	9.3	9.3
Banking	3.0	3.1	3.1	3.1	3.0	3.0	3.1	3.0	3.0	3.0	2.9	2.9	3.0
SERVICES	52.8	50.9	51.1	51.2	52.5	53.7	54.4	54.4	54.4	53.6	52.6	52.4	51.9
Business services	9.6	9.0	9.0	9.1	9.4	9.5	9.6	9.7	9.9	9.9	9.8	9.9	9.9
Amusement and recreation services	3.1	2.4	2.5	2.4	2.8	3.6	4.1	4.4	4.3	3.6	2.6	2.4	2.3
Health services	17.5	17.6	17.7	17.6	17.5	17.5	17.5	17.5	17.3	17.3	17.4	17.3	17.3
GOVERNMENT	41.1	40.1	42.2	42.2	41.9	42.3	37.4	37.5	36.9	42.7	43.1	43.2	43.2
State government	13.3	12.5	14.5	14.7	14.5	14.5	9.1	10.2	10.3	14.5	14.9	15.0	15.2
State government education	10.5	9.6	11.7	11.9	11.7	11.7	6.1	7.3	7.3	11.6	12.1	12.2	12.3
State government, except education	2.9	2.9	2.9	2.8	2.8	2.8	3.0	3.0	3.0	2.9	2.8	2.9	2.9
Local government	25.6	25.5	25.6	25.5	25.4	25.7	26.2	25.1	24.5	26.0	26.1	25.9	25.8
Local government education	13.4	13.8	14.0	13.9	13.8	13.8	13.0	11.7	11.5	13.3	13.8	14.0	14.0
Local government, except education	12.2	11.7	11.6	11.6	11.6	11.9	13.1	13.4	13.0	12.7	12.3	11.9	11.8

---

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-14-86 RS-790-1-1 (1984)

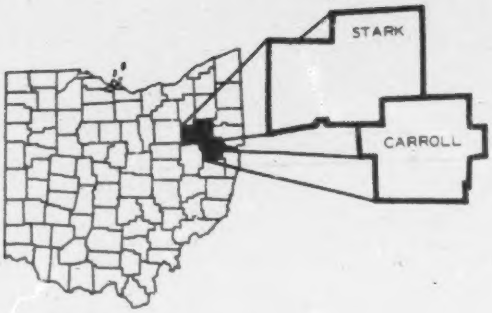
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA, 1983[a]
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	244.7	236.9	238.6	239.9	242.3	245.5	242.2	244.7	243.9	250.8	250.2	250.4	250.6
MANUFACTURING	65.2	63.5	64.0	64.1	64.6	64.6	64.9	65.6	66.0	66.3	66.6	66.3	65.9
Durable Goods[b]	32.7	31.3	31.9	32.1	32.3	32.3	32.4	32.7	33.2	33.6	33.9	33.6	33.4
Fabricated metal products	12.3	11.9	12.4	12.5	12.6	12.4	12.3	12.0	12.2	12.3	12.4	12.6	12.6
Machinery, except electrical	8.5	8.1	8.1	8.1	8.2	8.3	8.4	8.8	8.9	9.1	9.2	8.8	8.6
Metalworking machinery	2.9	2.8	2.8	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.1
Nondurable Goods[c]	32.5	32.2	32.1	32.0	32.3	32.3	32.5	32.9	32.8	32.7	32.8	32.7	32.5
Food and kindred products	2.6	2.7	2.5	2.5	2.6	2.6	2.6	2.7	2.8	2.7	2.7	2.6	2.7
Chemicals and allied products	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	3.0	2.9
Rubber and misc. plastics products	21.6	21.4	21.3	21.3	21.5	21.4	21.5	21.8	21.8	21.8	21.9	21.9	21.8
Tires and inner tubes	15.5	15.7	15.6	15.6	15.6	15.5	15.5	15.6	15.5	15.4	15.5	15.4	15.3
NONMANUFACTURING[d]	179.5	173.5	174.7	175.8	177.7	180.9	177.3	179.1	177.9	184.5	183.6	184.1	184.6
CONSTRUCTION	6.9	5.2	5.0	5.2	5.8	6.6	7.5	7.9	8.1	8.2	8.2	7.8	7.2
TRANSPORTATION AND PUBLIC UTILITIES	12.5	12.3	12.4	12.4	12.5	12.6	12.7	12.8	11.8	12.7	12.8	12.8	12.8
Communication, electric, gas services	5.4	5.5	5.5	5.5	5.5	5.5	5.6	5.5	4.5[e]	5.5	5.5	5.5	5.5
WHOLESALE TRADE	11.9	11.5	11.5	11.6	11.5	11.6	11.7	12.0	12.1	12.2	12.2	12.3	12.5
RETAIL TRADE	45.3	43.5	43.0	43.4	44.3	44.9	45.4	45.6	46.0	46.2	46.3	46.9	47.9
General merchandise stores	6.6	6.7	6.3	6.2	6.3	6.3	6.3	6.3	6.3	6.5	6.7	7.2	7.6
FINANCE, INSURANCE, AND REAL ESTATE	9.1	9.2	9.1	9.1	9.1	9.2	9.3	9.2	9.2	9.1	9.1	9.0	9.0
Banking	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1
SERVICES	52.3	50.7	50.6	50.8	51.3	52.7	53.6	54.3	54.1	53.1	52.4	52.3	52.2
Business services	8.5	8.1	8.1	8.1	8.2	8.4	8.4	8.8	8.7	8.8	8.7	8.8	8.9
Amusement and recreation services	3.2	2.5	2.6	2.5	2.8	3.8	4.3	4.4	4.4	3.2	2.4	2.5	2.6
Health services	17.7	17.7	17.5	17.5	17.6	17.6	17.7	17.9	18.0	17.9	17.9	17.9	17.9
GOVERNMENT	40.7	40.4	42.4	42.6	42.4	42.6	36.4	36.7	36.0	42.2	42.0	42.3	42.5
State government	13.1	12.5	14.2	14.4	14.3	14.3	8.8	10.1	10.0	14.7	14.5	14.5	14.7
State government education	10.1	9.5	11.3	11.4	11.4	11.4	5.8	7.1	7.0	11.8	11.6	11.7	11.8
State government, except education	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.8	2.9
Local government	25.5	25.9	26.1	26.2	26.1	26.3	25.5	24.5	23.9	25.5	25.5	25.6	25.5
Local government education	13.6	14.2	14.5	14.6	14.3	14.3	13.4	11.8	11.6	13.5	13.7	13.8	13.7
Local government, except education	11.9	11.7	11.6	11.6	11.7	11.9	12.1	12.7	12.3	12.0	11.8	11.8	11.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-27-86 RS-790-1-1 (1983)

CANTON
METROPOLITAN STATISTICAL AREA

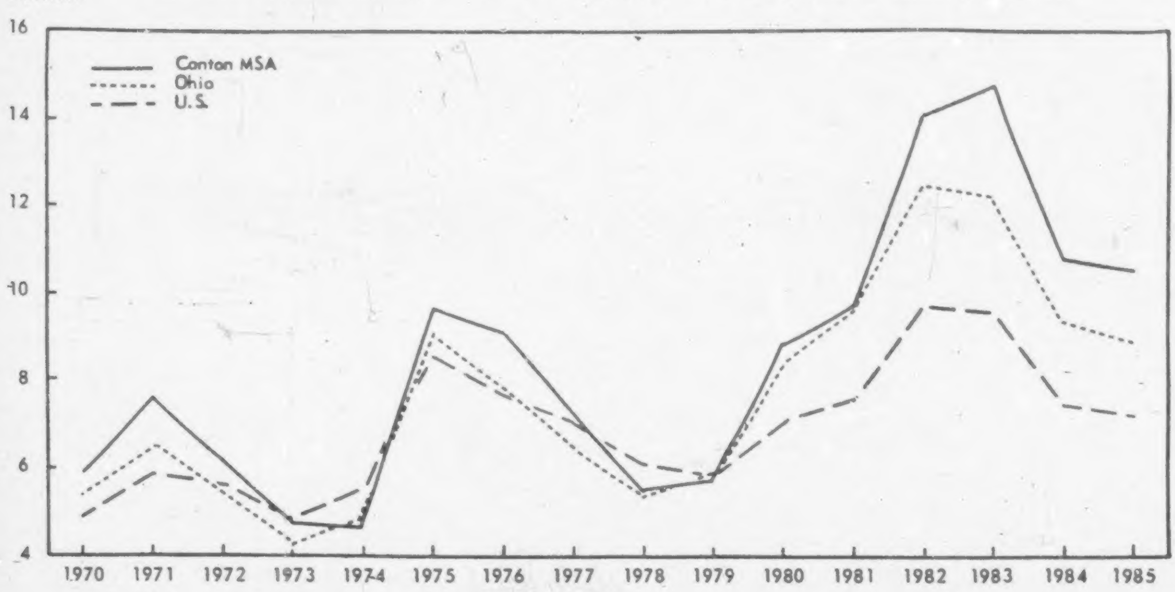


The estimated annual average civilian labor force in the Canton area, based on place of residence, advanced 1,500, from 188,100 in 1984 to 189,600 in 1985. Total employment grew 1,500 over the year; however, unemployment, at 20,000 in 1985, was virtually unchanged from 1984. The unemployment rate declined slightly from 10.6 percent in 1984 to 10.5 percent in 1985 (see table, page 49).

Nonagricultural wage and salary employment increased 2.1 percent, from 149,100 in 1984 to 152,200 in 1985. Retail trade and services were the big gainers. Employment in nondurable goods increased slightly, but was reduced in durable goods, especially in primary metal industries.

During the economic downturns from 1979 to 1983, durable-goods industries in the Canton metropolitan area, especially primary metals and fabricated metal products, had the sharpest setbacks. Substantial losses in employment occurred in transportation and public utilities, rubber and miscellaneous plastics products, and retail trade (see table, page 49). Examination of the recovery patterns in the Canton area reveals that retail trade led with an increase of 2,800 jobs from 1983 to 1985; services was second with 2,100. Advances in construction and manufacturing also helped boost total nonagricultural wage and salary employment to a recovery rate of 50.6 percent over the two-year period. Fabricated metal products, finance, insurance, and real estate, and government lost employment from 1983 to 1985.

CANTON MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



CIVILIAN LABOR FORCE ESTIMATES (Absolute data in thousands)

Canton Metropolitan Statistical Area[a]

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b] Canton	Ohio	U.S.
1970	162.7	153.1	9.6	5.9	5.4	4.9
1971	164.9	152.3	12.6	7.6	6.5	5.9
1972	165.6	155.3	10.3	6.2	5.5	5.6
1973	171.2	163.1	8.1	4.7	4.3	4.9
1974	175.6	167.5	8.1	4.6	4.8	5.6
1975	174.7	158.0	16.7	9.6	9.1	8.5
1976	174.4	158.6	15.8	9.1	7.8	7.7
1977	175.9	163.1	12.9	7.3	6.5	7.1
1978	179.9	170.0	9.9	5.5	5.4	6.1
1979	184.3	173.7	10.6	5.7	5.9	5.8
1980	187.7	170.9	16.8	8.9	8.4	7.1
1981	188.4	170.1	18.2	9.7	9.6	7.6
1982	191.4	164.3	27.0	14.1	12.5	9.7
1983	187.0	159.5	27.5	14.7	12.2	9.6
1984	188.1	168.1	19.9	10.6	9.4	7.5
1985	189.6	169.6	20.0	10.5	8.9	7.2

[a] These data are estimates based on place of residence.

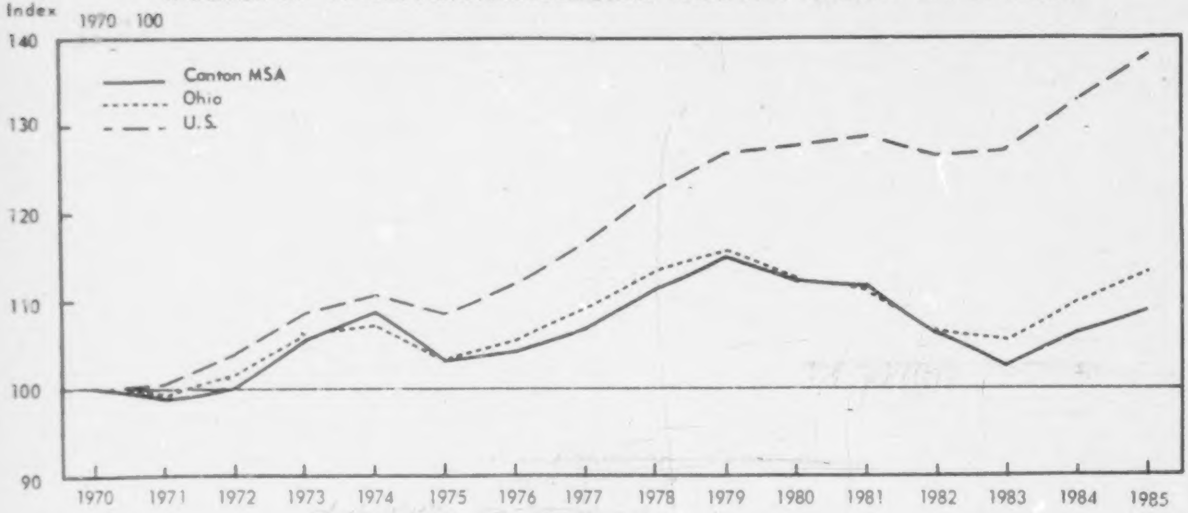
[b] Unemployment as percentage of civilian labor force.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES
IN THE CANTON METROPOLITAN STATISTICAL AREA
1979, 1983, and 1985

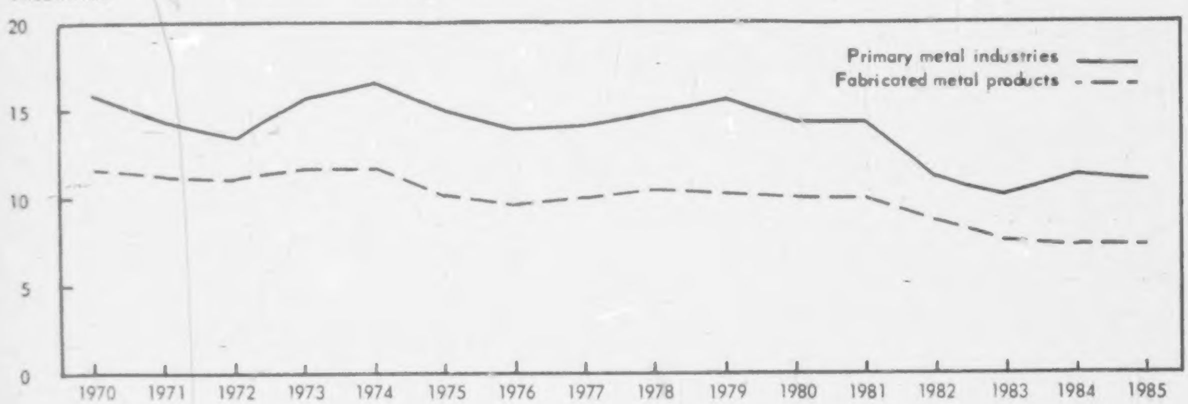
Industry	Employment (in thousands) 1979	1983	1985	Employment Change 1979-1983	1983-1985	Percent Recovery Canton	Ohio
TOTAL	160.8	143.4	152.2	-17.4	8.8	50.6	72.9
MANUFACTURING	59.1	43.5	46.3	-15.6	2.8	17.9	18.1
Durable Goods	46.4	33.0	34.7	-13.4	1.7	12.7	17.7
Primary metal industries	15.6	10.2	11.0	-5.4	0.8	14.8	-
Fabricated metal products	10.2	7.6	7.3	-2.6	-0.3	-	20.1
Nondurable Goods	12.7	10.6	11.6	-2.1	1.0	47.6	19.5
Food and kindred products	4.4	3.7	4.1	-0.7	0.4	57.1	-
Rubber and misc. plastics products	3.5	2.5	2.8	-1.0	0.3	30.0	34.6
CONSTRUCTION	6.4	4.3	5.5	-2.1	1.2	57.1	44.7
TRANSPORTATION AND PUBLIC UTILITIES	7.6	5.9	6.0	-1.7	0.1	5.9	11.9
WHOLESALE TRADE	7.2	7.2	7.8	0.0	0.6	+	233.0
RETAIL TRADE	27.1	26.1	28.9	-1.0	2.8	280.0	251.0
FINANCE, INSURANCE, AND REAL ESTATE	5.9	6.4	6.1	0.5	-0.3	+ -	+
SERVICES	28.1	30.7	32.8	2.6	2.1	+	+
GOVERNMENT	18.3	18.0	17.6	-0.3	-0.4	-	48.0
Local government	15.1	15.2	14.6	0.1	-0.6	+ -	16.1

+ No downturn, 1979-1983
- No upturn, 1983-1985

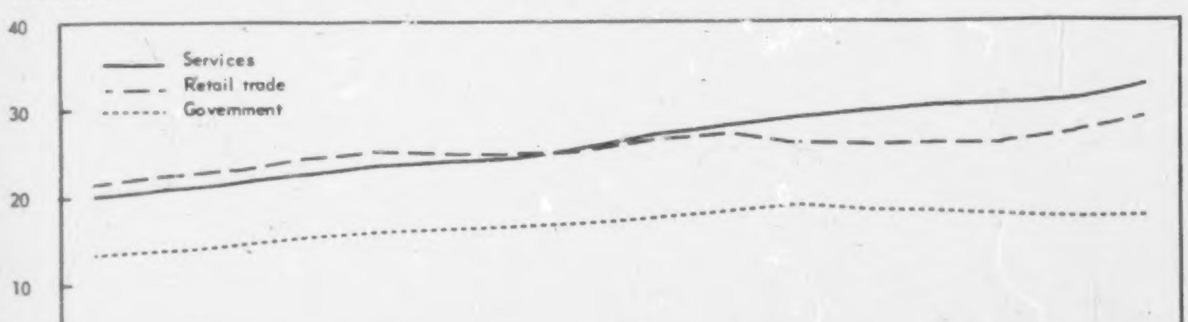
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

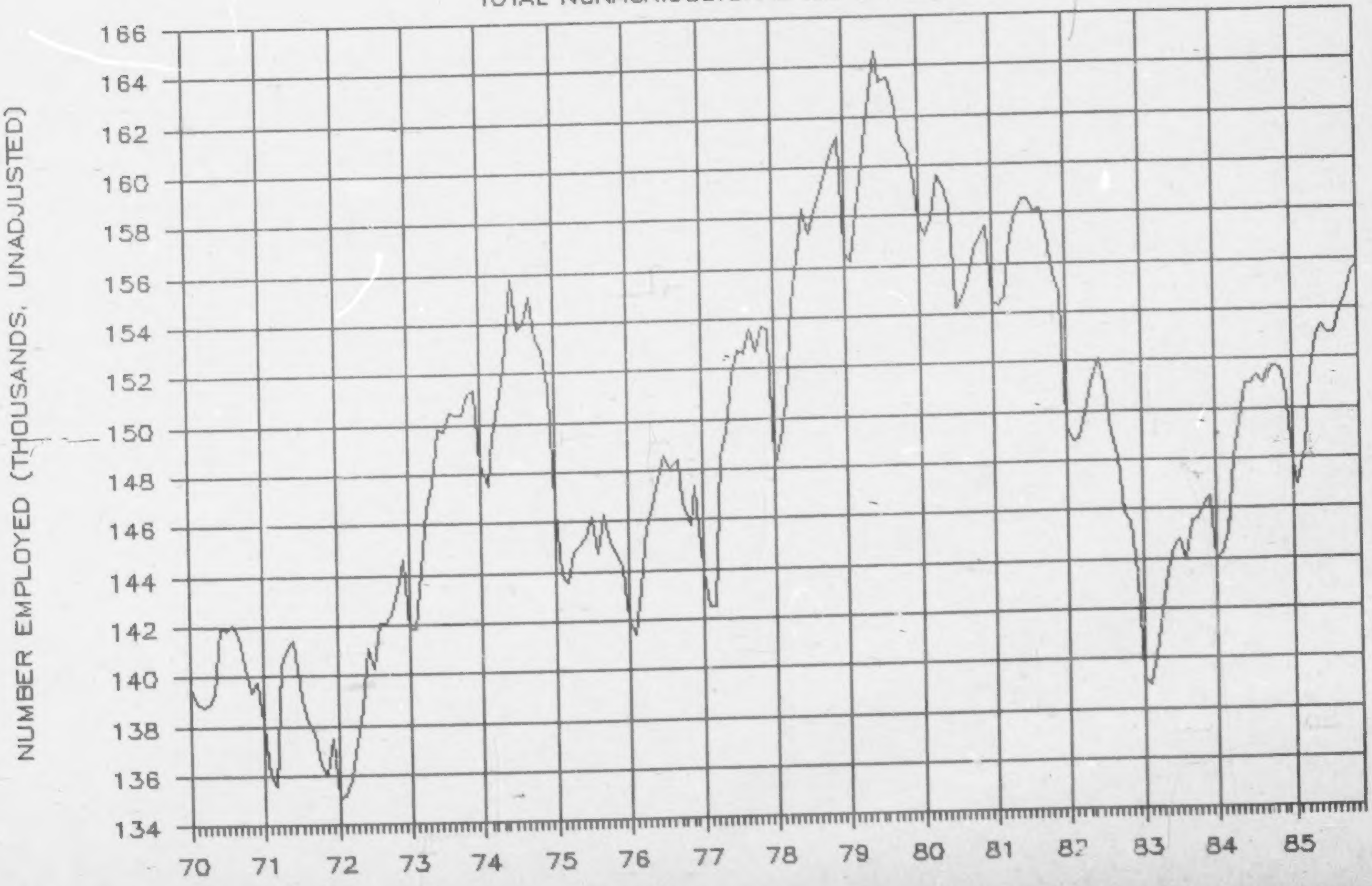


CANTON MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)



CANTON MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)





CANTON MSA

TOTAL NONAGRICULTURAL EMPLOYMENT

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA, 1985[a]

(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	152.2	147.8	146.9	148.4	151.4	152.9	153.3	153.0	153.0	153.9	154.4	155.5	155.7
MANUFACTURING	46.3	46.5	45.9	46.2	46.5	46.5	46.7	46.4	46.3	46.4	45.8	46.1	46.0
Durable Goods[b]	34.7	35.1	34.7	34.9	35.2	35.1	35.0	34.8	34.6	34.5	34.1	34.4	34.2
Primary metal industries	11.0	10.5	10.8	11.0	11.2	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.0
Fabricated metal products	7.3	7.4	7.3	7.4	7.4	7.5	7.4	7.4	7.4	7.3	7.0	7.2	7.1
Metal forgings and stampings	2.8	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.5	2.6	2.6
Nondurable Goods[c]	11.6	11.4	11.2	11.3	11.3	11.5	11.7	11.7	11.7	11.9	11.7	11.8	11.7
Food and kindred products	4.1	3.9	3.8	3.9	3.8	3.9	4.1	4.2	4.3	4.4	4.3	4.3	4.4
Rubber and misc. plastics products	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.8	2.9	2.8	2.7	2.8
NONMANUFACTURING[d]	105.9	101.3	101.0	102.2	105.0	106.3	106.5	106.6	106.7	107.5	108.5	109.3	109.7
CONSTRUCTION	5.5	4.2	4.1	4.4	5.3	5.5	5.8	6.0	6.1	6.2	6.3	6.1	5.7
TRANSPORTATION AND PUBLIC UTILITIES	6.0	5.9	5.9	5.9	5.9	5.9	5.9	6.0	6.0	6.0	6.0	6.0	6.0
Communication, electric, gas services	2.8	2.7	2.7	2.8	2.7	2.8	2.8	2.8	2.8	2.7	2.8	2.8	2.8
WHOLESALE TRADE	7.8	7.7	7.6	7.7	7.7	7.8	7.9	8.0	8.0	7.9	7.9	7.9	7.9
Wholesale trade-durable goods	4.4	4.4	4.3	4.4	4.3	4.3	4.4	4.5	4.5	4.5	4.5	4.5	4.5
RETAIL TRADE	28.9	27.4	27.1	27.3	28.4	29.1	29.0	29.1	29.3	29.4	29.8	30.4	31.2
General merchandise stores	3.7	3.8	3.6	3.5	3.6	3.6	3.6	3.6	3.5	3.6	3.9	4.1	4.3
Food stores	5.0	4.7	4.7	4.7	4.9	5.0	5.0	5.0	5.1	5.1	5.1	5.2	5.3
FINANCE, INSURANCE, AND REAL ESTATE	6.1	6.0	6.0	6.0	6.0	6.1	6.2	6.2	6.3	6.2	6.1	6.2	6.2
Banking	1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.8	1.8	1.8	1.8	1.8
SERVICES	32.8	30.9	31.2	31.6	32.4	32.7	33.1	33.4	33.3	33.6	33.9	33.9	33.7
Health services	13.8	13.6	13.6	13.6	13.8	13.8	13.9	14.0	13.9	13.9	13.9	13.9	13.9
GOVERNMENT	17.6	17.9	17.9	18.1	18.2	18.1	17.4	16.7	16.6	17.1	17.3	17.6	17.8
State government	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7
Local government	14.6	15.1	15.1	15.2	15.2	15.2	14.6	13.8	13.7	14.1	14.4	14.7	14.7
Local government education	8.4	8.8	8.8	9.0	9.0	9.0	8.3	7.6	7.5	8.0	8.3	8.5	8.5
Local government, except education	6.2	6.3	6.2	6.2	6.2	6.2	6.3	6.2	6.2	6.1	6.1	6.2	6.2

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-31-86 RS-790-1-2 (1985)

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$10.95	$10.84	$10.89	$10.89	$10.84	$10.91	$10.95	$10.92	$10.98	$10.97	$11.03	$11.05	$11.16
Durable Goods[b]	11.29	11.16	11.21	11.22	11.13	11.20	11.25	11.19	11.32	11.36	11.40	11.47	11.60
Primary metal industries	12.25	12.12	12.17	12.25	12.21	12.22	12.22	12.37	12.35	12.28	12.27	12.22	12.34
Fabricated metal products	11.93	11.91	12.04	12.01	12.00	11.88	11.82	11.32	11.89	11.91	11.76	12.12	12.45
Metal forgings and stampings	14.91	14.35	14.49	14.73	14.87	14.75	14.82	14.14	15.06	15.04	15.34	15.62	15.90
Nondurable Goods[c]	9.84	9.78	9.80	9.80	9.83	9.92	9.93	10.04	9.90	9.76	9.85	9.72	9.79
Food and kindred products	10.24	9.81	10.00	10.24	10.23	10.29	10.39	10.62	10.40	10.09	10.20	10.24	10.34
Rubber and misc. plastics products	10.49	10.56	10.54	10.44	10.35	10.35	10.45	10.54	10.36	10.64	10.65	10.51	10.52
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	12.28	12.14	11.88	11.92	11.93	11.95	11.97	12.39	12.55	12.63	12.62	12.72	12.67
WHOLESALE TRADE	9.14	8.75	8.85	8.89	9.04	9.16	9.11	9.17	9.12	9.25	9.42	9.34	9.50
RETAIL TRADE[d]	5.41	5.41	5.44	5.46	5.44	5.41	5.36	5.37	5.36	5.46	5.44	5.37	5.38

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	39.8	40.1	39.5	40.0	39.4	39.9	39.7	39.5	39.4	40.1	40.1	40.2	40.2
Durable Goods[b]	39.9	40.1	39.6	40.0	39.6	39.9	40.2	39.4	39.4	40.0	40.1	40.2	40.3
Primary metal industries	37.8	36.9	37.3	38.0	37.7	38.2	38.3	37.8	37.5	38.2	38.3	38.0	37.9
Fabricated metal products	42.1	43.8	41.4	42.5	42.7	41.8	42.1	40.6	41.3	41.1	41.8	42.3	43.7
Metal forgings and stampings	42.5	43.0	42.7	43.2	42.9	42.1	42.0	38.5	43.1	42.1	41.9	43.8	44.1
Nondurable Goods[c]	39.7	39.9	39.3	40.3	38.9	39.9	38.1	39.8	39.6	40.5	40.1	40.0	40.2
Food and kindred products	39.4	39.1	39.5	39.7	38.2	40.2	37.4	40.2	39.6	39.6	39.2	39.7	40.1
Rubber and misc. plastics products	43.2	45.4	43.4	43.7	42.4	43.1	42.2	41.5	42.1	43.4	43.8	43.6	44.1
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	41.0	41.0	40.5	40.8	40.6	40.9	40.7	41.2	41.6	41.3	41.1	41.2	41.0
WHOLESALE TRADE	36.0	36.5	36.5	36.9	35.8	36.0	35.2	35.7	35.1	36.1	35.9	36.3	36.1
RETAIL TRADE	29.3	28.7	28.5	28.9	29.0	29.2	29.8	30.0	29.7	29.7	29.4	29.1	29.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-31-86 RS-790-3-2 (1985)

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$435.81	$434.68	$430.16	$435.60	$427.10	$435.31	$434.72	$431.34	$432.61	$439.90	$442.30	$444.21	$448.63
Durable Goods[b]	450.47	447.52	443.92	448.80	440.75	446.88	452.25	440.89	446.01	454.40	457.14	461.09	467.48
Primary metal industries	463.05	447.23	453.94	465.50	460.32	466.80	468.03	467.59	463.13	469.10	469.94	464.36	467.69
Fabricated metal products	502.25	521.66	498.46	510.43	512.40	496.58	497.62	459.59	491.06	489.50	491.57	512.68	544.07
Metal forgings and stampings	633.68	617.05	618.72	636.34	637.92	620.98	622.44	544.39	649.09	633.18	642.75	684.16	701.19
Nondurable Goods[c]	390.65	390.22	385.14	394.94	382.39	395.81	378.33	399.59	392.04	395.28	394.99	388.80	393.56
Food and kindred products	403.46	383.57	395.00	406.53	390.79	413.66	388.59	426.92	411.84	399.56	399.84	406.53	414.63
Rubber and misc. plastics products	453.17	479.42	457.44	456.23	438.84	446.09	440.99	437.41	436.16	461.78	466.47	458.24	463.93
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services ...	503.48	497.74	481.14	486.34	484.36	488.76	487.18	510.47	522.08	521.62	518.68	524.06	519.47
WHOLESALE TRADE	329.04	319.38	323.03	328.04	323.63	329.76	320.67	327.37	320.11	333.93	338.18	339.04	342.95
RETAIL TRADE[d]	158.51	155.27	155.04	157.79	157.76	157.97	159.73	161.10	159.19	162.16	159.94	156.27	157.63

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay period which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-31-86 RS-790-2-2 (1985)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA, 1984[a]

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	149.1	143.9	144.2	145.0	148.0	149.5	151.0	151.0	151.4	151.0	151.7	151.6	151.0
MANUFACTURING	46.4	44.7	44.8	45.8	46.0	46.1	46.7	47.3	47.7	47.1	47.0	46.8	46.7
Durable Goods[b]	35.0	33.8	34.1	34.8	34.8	34.9	35.2	35.7	35.9	35.5	35.4	35.3	35.2
Primary metal industries	11.4	10.9	11.2	11.4	11.4	11.4	11.6	11.9	11.9	11.5	11.3	11.0	10.9
Fabricated metal products	7.3	7.3	7.0	7.1	7.0	7.1	7.3	7.2	7.4	7.3	7.4	7.5	7.5
Metal forgings and stampings	2.8	2.6	2.5	2.6	2.6	2.8	2.8	2.8	2.9	2.9	2.9	2.9	3.0
Nondurable Goods[c]	11.3	10.9	10.7	11.0	11.1	11.2	11.5	11.6	11.7	11.7	11.5	11.5	11.5
Food and kindred products	3.9	3.8	3.7	3.8	3.8	3.8	4.0	4.1	4.1	4.1	4.0	4.0	4.0
Rubber and misc. plastics products	2.8	2.7	2.7	2.8	2.8	3.0	2.9	2.8	2.9	2.8	2.9	2.8	2.8
NONMANUFACTURING[d]	102.7	99.2	99.4	99.3	102.1	103.4	104.3	103.7	103.8	103.9	104.8	104.8	104.3
CONSTRUCTION	4.9	3.8	3.8	3.8	4.4	4.9	5.4	5.8	5.6	5.7	5.7	5.5	5.0
TRANSPORTATION AND PUBLIC UTILITIES	6.2	6.2	6.2	6.2	6.2	6.3	6.3	6.3	6.3	6.2	6.2	6.1	6.0
Communication, electric, gas services	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.7
WHOLESALE TRADE	7.7	7.3	7.4	7.4	7.6	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8
Wholesale trade-durable goods	4.3	4.1	4.1	4.2	4.3	4.4	4.5	4.4	4.5	4.4	4.4	4.5	4.5
RETAIL TRADE	27.5	26.3	25.9	26.0	27.2	27.6	27.7	27.8	28.1	28.0	28.2	28.6	29.0
General merchandise stores	3.8	3.9	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.9	4.1	4.2
Food stores	4.5	4.5	4.5	4.5	4.5	4.6	4.5	4.4	4.5	4.5	4.6	4.6	4.7
FINANCE, INSURANCE, AND REAL ESTATE	6.1	6.2	6.3	6.3	6.3	6.3	6.3	6.1	6.0	6.0	6.0	5.9	5.9
Banking	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
SERVICES	31.4	30.3	30.5	30.5	31.2	31.5	31.9	31.8	31.9	31.9	31.9	31.7	31.4
Health services	1[illegible].7	13.6	13.6	13.5	13.6	13.6	13.6	13.7	13.8	13.9	13.8	13.8	13.8
GOVERNMENT	17.6	17.8	18.1	17.9	17.9	17.9	17.6	16.8	16.7	17.0	17.8	18.0	18.0
State government	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.5	1.5	1.6	1.6	1.7
Local government	14.8	15.0	15.3	15.1	15.1	15.1	14.8	14.0	13.9	14.2	15.0	15.1	15.1
Local government education	8.6	8.8	9.1	8.9	8.9	8.9	8.5	7.8	7.7	8.0	8.7	8.8	8.9
Local government, except education	6.2	6.3	6.2	6.2	6.2	6.2	6.3	6.2	6.3	6.2	6.3	6.3	6.2

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-14-86 RS-780-1-2 (1984)

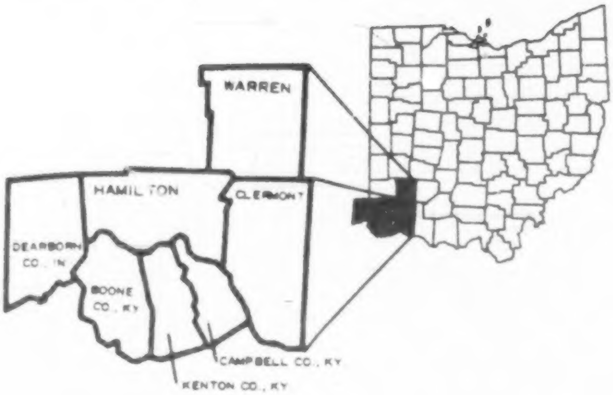
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA, 1983[a]
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	143.4	139.2	139.0	140.1	141.8	143.5	144.5	144.8	144.0	145.5	145.6	146.2	146.5
MANUFACTURING	43.5	41.8	42.2	42.4	42.5	43.3	44.3	44.3	44.3	44.3	44.1	44.3	44.8
Durable Goods[b]	33.0	31.5	31.8	32.1	32.3	33.0	33.7	33.6	33.6	33.6	33.3	33.5	33.9
Primary metal industries	10.2	9.0	9.2	9.6	9.9	10.2	10.6	10.7	10.6	10.4	10.6	10.7	10.9
Fabricated metal products	7.6	7.4	7.5	7.4	7.4	7.5	7.7	7.6	7.6	7.7	7.6	7.7	7.7
Metal forgings and stampings	2.3	1.9	2.1	2.1	2.2	2.2	2.3	2.2	2.4	2.5	2.5	2.6	2.7
Nondurable Goods[c]	10.6	10.3	10.4	10.4	10.2	10.3	10.6	10.7	10.7	10.7	10.8	10.8	10.9
Food and kindred products	3.7	3.8	3.8	3.8	3.6	3.6	3.8	3.8	3.7	3.6	3.7	3.7	3.8
Rubber and misc. plastics products	2.5	2.3	2.3	2.3	2.3	2.4	2.5	2.5	2.6	2.7	2.7	2.7	2.7
NONMANUFACTURING[d]	99.9	97.4	96.8	97.7	99.3	100.2	100.1	100.5	99.8	101.2	101.6	101.9	101.7
CONSTRUCTION	4.3	3.4	3.0	3.3	3.7	4.0	4.3	5.3	4.9	5.0	5.0	4.9	4.5
TRANSPORTATION AND PUBLIC UTILITIES	5.9	5.9	5.8	5.9	6.0	5.9	6.0	6.0	5.6	6.1	6.1	6.1	6.1
Communication, electric, gas services	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.4[e]	2.9	2.9	2.9	2.8
WHOLESALE TRADE	7.2	7.1	7.0	7.1	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3
Wholesale trade-durable goods	4.0	3.8	3.8	3.8	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.1	4.1
RETAIL TRADE	26.1	25.0	24.6	24.7	25.5	26.0	26.3	26.4	26.8	26.8	26.6	27.2	27.6
General merchandise stores	3.5	3.6	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.5	4.0	4.3
Food stores	4.4	4.2	4.2	4.2	4.2	4.4	4.4	4.5	4.5	4.5	4.6	4.6	4.6
FINANCE, INSURANCE, AND REAL ESTATE	6.4	6.4	6.4	6.4	6.3	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.3
Banking	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
SERVICES	30.7	29.9	30.2	30.6	31.0	31.0	31.0	30.9	30.7	30.9	30.9	30.7	30.4
Health services	13.4	13.2	13.2	13.3	13.4	13.4	13.5	13.5	13.6	13.5	13.6	13.6	13.6
GOVERNMENT	18.0	18.5	18.6	18.6	18.4	18.4	17.6	17.0	17.0	17.7	18.2	18.2	18.2
State government (includes education)	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Local government	15.2	15.6	15.8	15.8	15.5	15.5	14.8	14.1	14.2	14.9	15.3	15.4	15.3
Local government education	9.0	9.4	9.6	9.6	9.4	9.3	8.6	7.9	7.9	8.7	9.2	9.2	9.1
Local government, except education	6.2	6.2	6.2	6.1	6.1	6.2	6.2	6.3	6.3	6.1	6.2	6.1	6.2

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-27-86 RS-790-1-2 (1983)

CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA

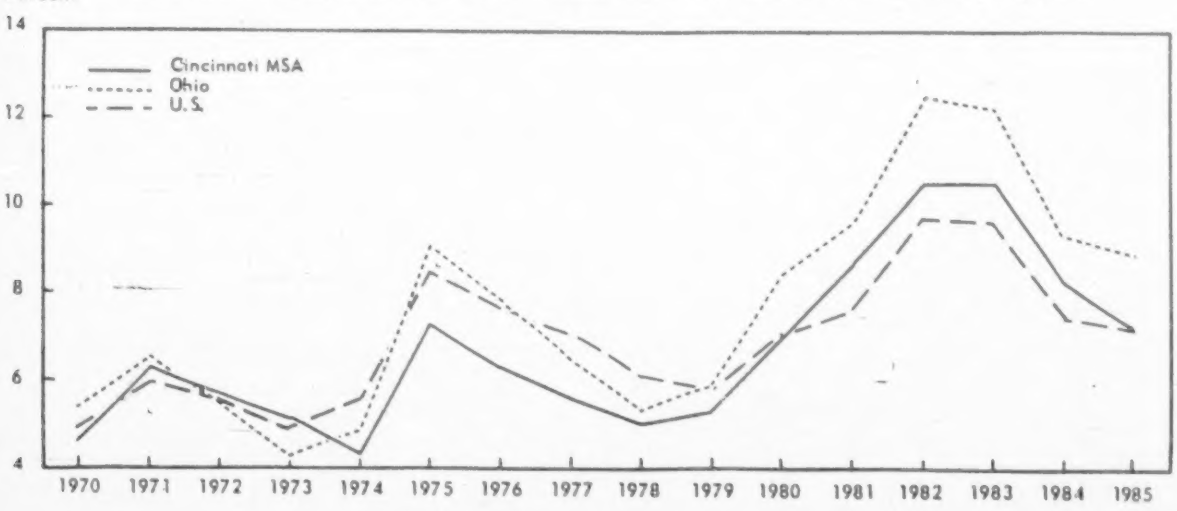


The estimated annual average civilian labor force in the Cincinnati metropolitan area, based on place of residence, rose 12,500 from 1984 to 708,300 in 1985. Total employment increased 18,800 over the year; unemployment dropped 6,400 to a 1985 total of 51,000. The unemployment rate declined from 8.2 percent in 1984 to 7.2 percent in 1985 (see table, page 59).

Total nonagricultural wage and salary employment rose 4.6 percent, from 600,800 in 1984 to 628,200 in 1985 (see table, page 59). Growth in retail trade and services contributed heavily to the continued recovery during the year. However, employment advances were recorded in all major employment sectors in the area.

The industries affected most in the downturn between 1979 and 1983 were nonelectrical machinery, construction, fabricated metal products, and food and kindred products. In 1985, construction and nonelectrical machinery continued the recovery begun in 1984. However, employment in fabricated metal products remained constant and the number of jobs in food and kindred products continued to decline in 1985. Other industries losing employment from 1984 were electric and electronic equipment and apparel.

CINCINNATI MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



CIVILIAN LABOR FORCE ESTIMATES (Absolute data in thousands)

Cincinnati Primary Metropolitan Statistical Area[a]

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Cincinnati	Ohio	U.S.
1970	543.0	518.0	25.0	4.6	5.4	4.9
1971	550.0	516.0	34.0	6.2	6.5	5.9
1972	561.0	529.0	32.0	5.7	5.5	5.6
1973	572.0	543.0	29.0	5.1	4.3	4.9
1974	595.3	569.8	25.5	4.3	4.8	5.6
1975	595.3	551.6	43.6	7.3	9.1	8.5
1976	604.8	566.6	38.2	6.3	7.8	7.7
1977	623.4	588.7	34.7	5.6	6.5	7.1
1978	648.3	615.8	32.5	5.0	5.4	6.1
1979	663.4	628.1	35.3	5.3	5.9	5.8
1980	676.2	628.8	47.5	7.0	8.4	7.1
1981	678.5	619.3	59.1	8.7	9.6	7.6
1982	684.3	612.4	71.9	10.5	12.5	9.7
1983	687.6	615.2	72.4	10.5	12.2	9.6
1984	695.9	638.4	57.5	8.3	9.4	7.5
1985	708.3	657.3	51.0	7.2	8.9	7.2

[a] These data are estimates based on place of residence.

[b] Unemployment as percentage of civilian labor force.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES IN THE CINCINNATI METROPOLITAN STATISTICAL AREA

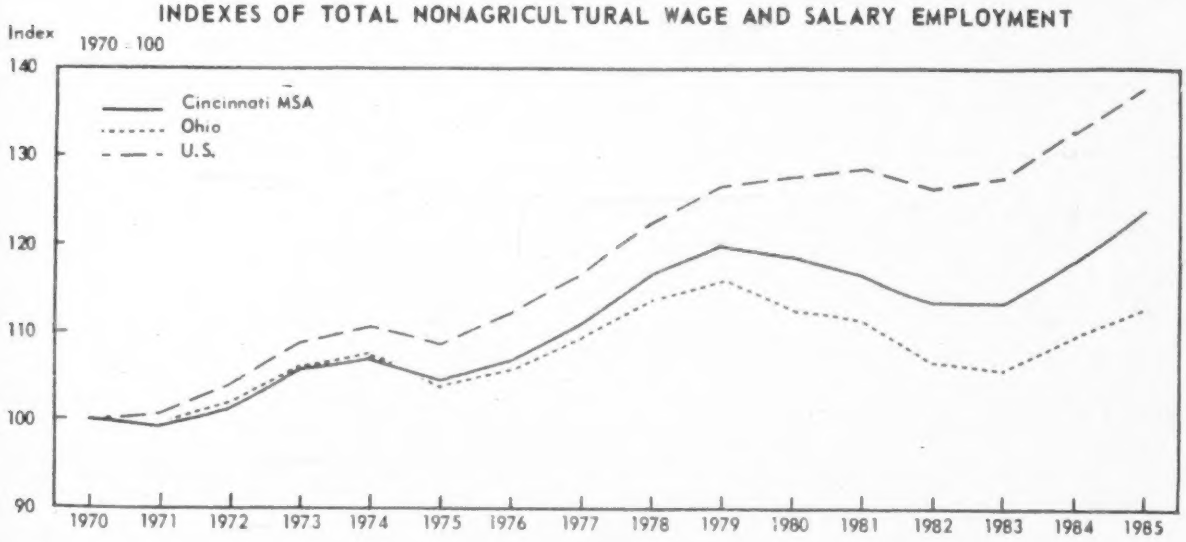
1979, 1983, and 1985

Industry	Employment (in thousands)			Employment Change		Percent Recovery	
	1979	1983	1985	1979-1983	1983-1985	Cincinnati	Ohio
TOTAL	607.4	575.6	628.2	-31.8	52.6	165.4	72.9
MANUFACTURING	173.1	140.4	147.2	-32.7	6.8	20.8	18.1
Durable Goods	98.7	77.0	83.1	-21.7	6.1	28.1	17.7
Fabricated metal products	16.7	11.5	10.9	-5.2	-0.6	-	20.1
Machinery, except electrical	26.7	19.4	21.6	-7.3	2.2	30.1	17.2
Metalworking machinery	12.9	8.6	9.6	-4.3	1.0	23.3	18.2
Electric and electronic equipment	9.4	8.1	7.9	-1.3	-0.2	-	3.9
Transportation equipment	27.4	24.0	27.9	-3.4	3.9	114.7	58.2
Motor vehicles and equipment	12.7	9.2	10.1	-3.5	0.9	25.7	37.0
Nondurable Goods	74.5	63.4	64.1	-11.1	0.7	6.3	19.5
Food and kindred products	17.9	13.5	12.7	-4.4	-0.8	-	-
Printing and publishing	13.0	11.6	12.4	-1.4	0.8	57.1	79.2
Chemicals and allied products	22.5	21.2	21.1	-1.3	-0.1	-	-
CONSTRUCTION	27.4	20.4	23.4	-7.0	3.0	[illegible]	44.7
TRANSPORTATION AND PUBLIC UTILITIES	34.2	31.4	33.7	-2.8	2.3	82.1	11.9
Communication, electric, gas services	13.2	14.7	14.8	1.5	0.1	+	-
WHOLESALE TRADE	37.8	36.5	41.0	-1.3	4.5	346.2	233.0
RETAIL TRADE	102.2	104.7	118.5	2.5	13.8	+	251.0
FINANCE, INSURANCE, AND REAL ESTATE	32.1	32.8	35.3	0.7	2.5	+	+
SERVICES	117.4	129.7	147.5	12.3	17.8	+	+
GOVERNMENT	82.8	79.2	81.1	-3.6	1.9	52.8	48.0
Federal government	13.3	12.4	13.0	-0.9	0.6	66.7	155.0
State government	17.6	17.8	18.2	0.2	0.4	+	+
Local government	51.8	49.0	49.9	-2.8	0.9	32.1	16.1

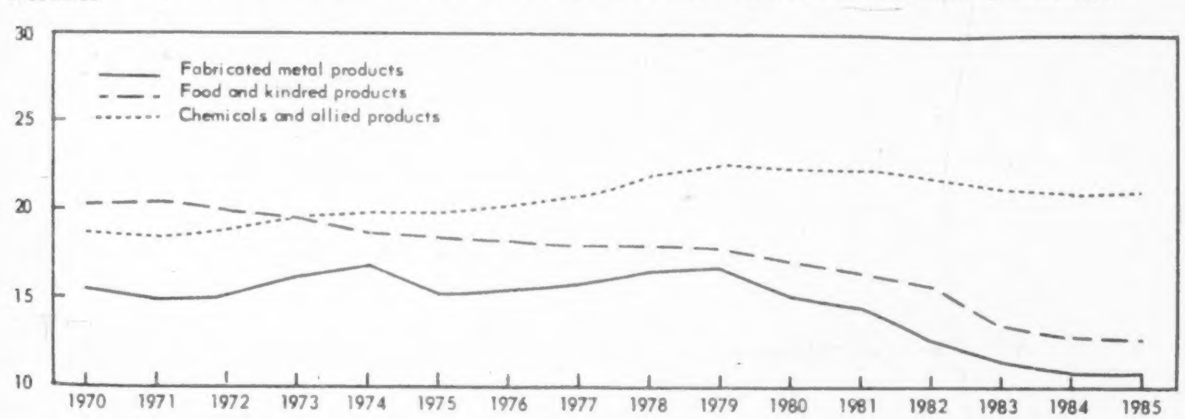
+ No downturn, 1979-1983

- No upturn, 1983-1985

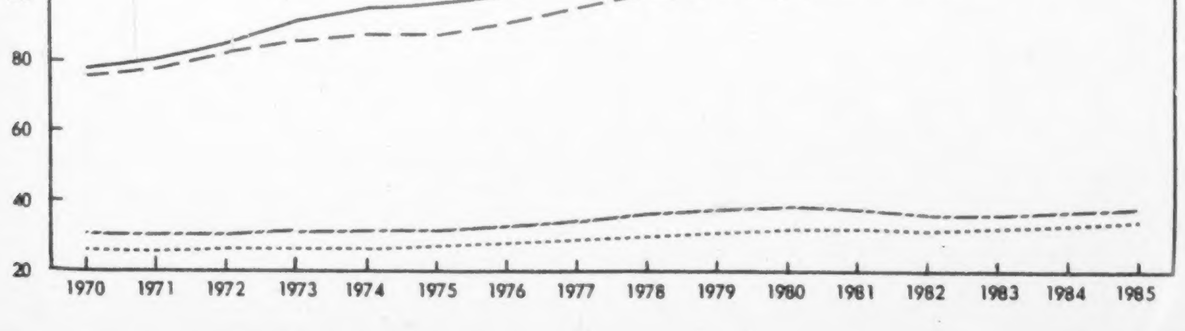
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

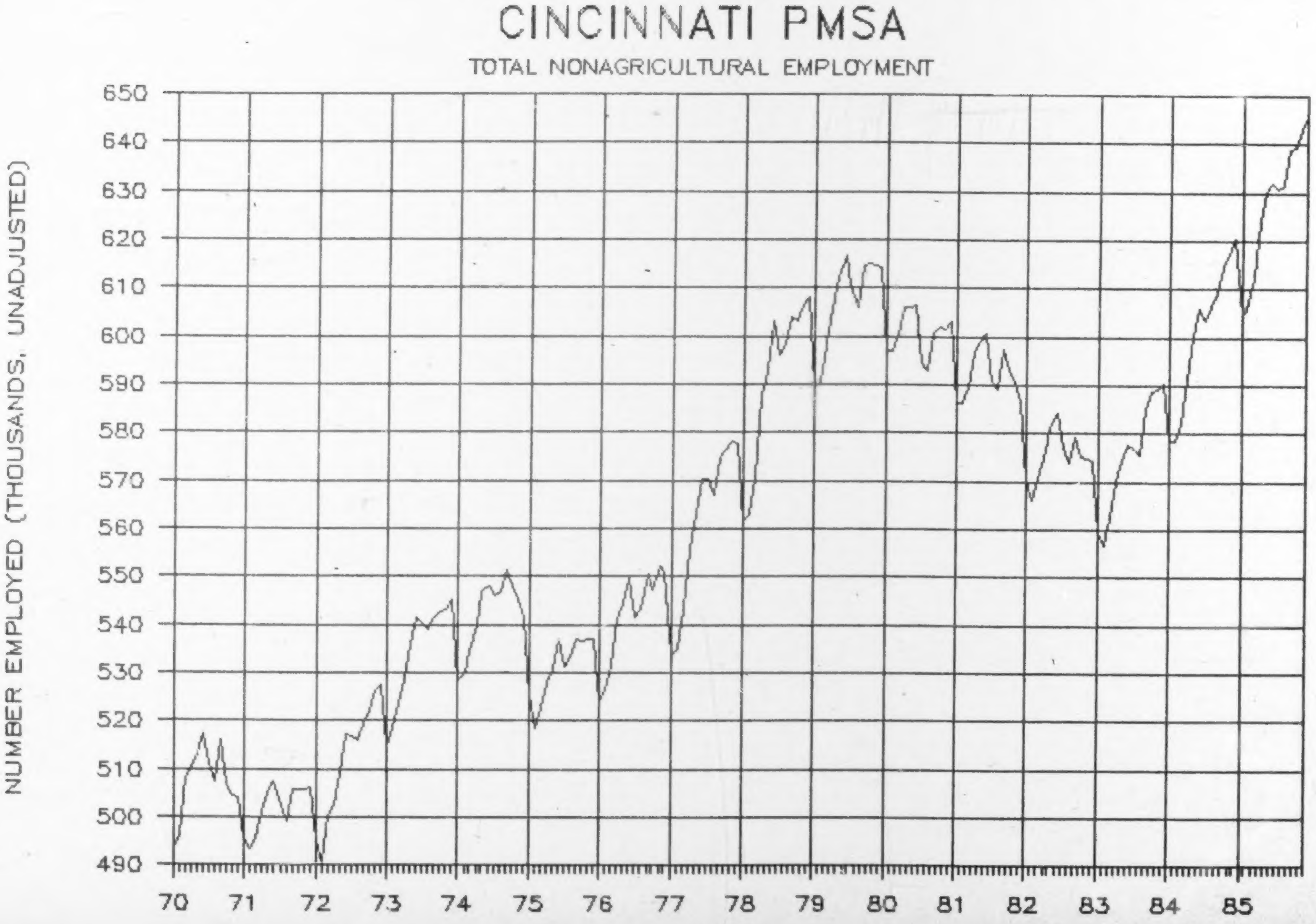


CINCINNATI MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)



CINCINNATI MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)




CINCINNATI PMSA
TOTAL NONAGRICULTURAL EMPLOYMENT
NUMBER EMPLOYED (THOUSANDS, UNADJUSTED)
650
640
630
620
610
600
590
580
570
560
550
540
530
520
510
500
490
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA, 1985[a]

(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	628.2	604.7	605.7	612.7	624.1	630.3	632.0	630.6	631.4	638.9	639.3	642.9	645.7
MANUFACTURING	147.2	144.3	144.3	145.2	146.3	147.1	147.3	147.5	148.1	148.9	148.5	149.5	149.5
Durable Goods[b]	83.1	81.4	81.2	82.2	82.5	82.9	83.0	83.2	83.6	84.0	84.2	84.1	84.6
Fabricated metal products	10.9	10.5[e]	10.7	11.0	10.8	11.1	11.1	10.9	10.8	11.0	11.0	10.9	10.9
Fabricated structural metal products	3.9	3.8	3.8	4.1	3.9	4.1	4.1	4.0	3.8	4.0	4.0	3.8	3.9
Machinery, except electrical	21.6	21.6	21.6	21.6	21.8	21.6	21.6	21.6	21.6	21.5	21.6	21.6	21.7
Metalworking machinery	9.6	9.7	9.7	9.7	9.8	9.6	9.6	9.6	9.6	9.6	9.6	9.5	9.6
General industrial machinery	3.0	3.0	3.0	3.0	3.1	3.0	3.0	2.9	2.9	2.9	2.9	2.9	3.0
Electric and electronic equipment	7.9	8.3	8.2	8.1	7.9	7.9	7.7	7.7	7.8	7.8	7.6	7.6	7.6
Transportation equipment	27.9	26.9	26.8	27.1	27.2	27.4	27.8	28.2	28.5	28.5	28.8	29.0	29.2
Motor vehicles and equipment	10.1	10.2	10.1	10.2	10.1	10.1	10.1	10.0	10.0	10.1	9.9	10.0	10.1
Nondurable Goods[c]	64.1	62.9	63.1	63.0	63.7	64.2	64.3	64.3	64.5	64.9	64.3	65.3	65.0
Food and kindred products	12.7	12.4	12.3	12.4	12.7	12.6	12.8	12.8	13.0	12.9	13.0	12.9	12.9
Beverages	4.1	4.0	3.9	4.0	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.1
Apparel and other textile products	3.7	3.5	3.5	3.6	3.7	3.7	3.6	3.5	3.7	3.8	3.9	3.8	3.7
Paper and allied products	6.0	5.8	6.0	6.0	6.1	6.1	6.2	6.1	6.0	6.0	6.0	6.2	6.1
Printing and publishing	12.4	12.3	12.4	12.2	12.2	12.5	12.3	12.5	12.4	12.5	12.5	12.6	12.5
Commercial printing	5.4	5.4	5.3	5.3	5.3	5.3	5.3	5.5	5.3	5.5	5.5	5.5	5.5
Chemicals and allied products	21.1	20.9	20.8	20.7	20.9	21.0	21.2	21.3	21.3	21.5	20.8[e]	21.6	21.5
Rubber and misc. plastics products	5.3	5.4	5.4	5.4	5.3	5.3	5.3	5.2	5.2	5.2	5.2	5.4	5.2
NONMANUFACTURING[d]	481.0	460.4	461.3	467.5	477.8	483.2	484.7	483.1	483.3	490.0	490.8	493.4	496.2
CONSTRUCTION	23.4	19.8	19.2	20.9	22.4	23.7	24.2	24.9	25.4	25.5	25.8	25.1	24.0
TRANSPORTATION AND PUBLIC UTILITIES	33.7	32.7	32.9	33.3	33.9	33.9	34.1	33.8	33.7	33.9	34.0	33.9	33.8
Trucking and warehousing	9.8	9.2	9.2	9.5	9.7	9.8	9.9	9.8	9.6	10.0	10.1	10.2	10.3
Communication, electric, gas services	14.8	14.7	14.7	14.7	14.7	14.7	14.8	14.9	14.9	14.8	14.8	14.7	14.7
WHOLESALE TRADE	41.0	40.1	40.2	40.4	40.6	41.1	41.1	41.3	41.3	41.3	41.5	41.7	41.7
Wholesale trade-durable goods	24.4	23.9	24.0	24.0	24.2	24.5	24.4	24.6	24.5	24.5	24.6	24.7	24.7

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA, 1985[a] (Continued)

(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
RETAIL TRADE	118.5	114.7	113.0	114.6	116.0	117.7	118.1	118.8	119.5	120.3	121.2	122.6	125.8
General merchandise stores	19.2	19.4	18.5	19.0	18.6	18.7	18.6	18.6	18.4	19.0	19.8	20.3	22.0
FINANCE, INSURANCE, AND REAL ESTATE	35.3	34.2	34.5	34.5	34.8	35.4	35.5	35.9	35.8	35.7	35.7	36.0	36.1
Banking	7.8	7.5	7.6	7.5	7.6	7.7	7.8	8.0	8.0	7.9	7.9	7.9	8.0
Insurance carriers	11.3	11.0	11.1	11.2	11.2	11.3	11.4	11.5	11.5	11.4	11.5	11.6	11.5
SERVICES	147.5	137.9	139.8	141.9	147.1	148.9	151.0	151.6	151.4	151.7	149.0	149.7	150.4
Hotels and other lodging places	6.1	5.6	5.6	5.7	6.0	6.2	6.3	6.4	6.4	6.3	6.2	6.2	6.1
Personal services	7.5	7.3	7.3	7.4	7.7	7.6	7.6	7.5	7.5	7.5	7.6	7.7	7.7
Business services	32.6	29.6	30.3	31.0	31.9	32.3	32.8	33.1	33.4	33.7	34.2	34.3	34.7
Amusement and recreation services	7.6	5.0	5.1	5.5	8.2	9.0	10.3	10.7	10.6	9.5	5.5	5.8	6.2
Health services	46.5	46.0	46.1	46.1	46.2	46.5	47.0	46.9	46.7	46.3	46.5	46.6	46.6
GOVERNMENT	81.1	80.7	81.4	81.6	82.5	82.0	80.4	76.5	75.7	81.1	83.1	84.0	84.0
Federal government	13.0	12.8	13.2	13.2	13.5	13.1	13.1	12.9	12.8	12.8	12.7	12.8	12.9
State government	18.2	18.2	18.7	18.7	18.9	18.5	17.9	16.7	16.5	17.7	19.0	19.1	19.1
State government education	10.9	10.9	11.4	11.4	11.6	11.2	10.5	9.2	9.1	10.3	11.8	11.8	11.6
State government, except education	7.3	7.3	7.3	7.3	7.3	7.3	7.4	7.5	7.4	7.4	7.2	7.3	7.5
Local government	49.9	49.7	49.5	49.7	50.1	50.5	49.3	46.9	46.4	50.6	51.5	52.2	52.1
Local government education	28.2	28.4	28.7	28.6	28.9	29.2	27.3	24.7	24.5	28.5	29.5	30.3	30.3
Local government, except education	21.6	21.3	20.9	21.0	21.2	21.4	22.1	22.2	21.9	22.1	22.0	21.9	21.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-31-86 RS-790-1-3 (1985)

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$10.67	$10.87	$10.81	$10.78	$10.69	$10.56	$10.57	$10.47	$10.54	$10.66	$10.60	$10.72	$10.82
Durable Goods[b]	10.65	10.89	10.58	10.67	10.58	10.47	10.55	10.36	10.57	10.68	10.66	10.82	10.90
Fabricated metal products	9.47	9.43	9.41	9.37	9.49	9.46	9.49	9.45	9.59	9.61	9.41	9.53	9.41
Fabricated structural metal products	9.78	9.65	9.75	9.69	9.98	9.82	9.78	9.63	9.71	9.91	9.71	9.88	9.82
Machinery, except electrical	9.80	9.86	9.77	9.76	9.73	9.66	9.76	9.66	9.82	9.92	9.89	9.83	9.94
Metalworking machinery	10.71	10.86	10.77	10.73	10.72	10.64	10.61	10.48	10.61	10.79	10.64	10.75	10.92
General industrial machinery	9.19	9.05	9.02	9.04	9.01	9.04	9.23	9.30	9.29	9.32	9.27	9.31	9.46
Electric and electronic equipment	8.76	8.45	8.65	8.68	8.65	8.69	8.67	8.60	8.78	8.91	9.03	9.10	9.07
Transportation equipment	14.24	14.68	14.44	14.36	14.20	14.05	14.18	13.66	14.11	14.15	14.12	14.32	14.53
Motor vehicles and equipment	15.17	16.00	15.84	15.26	14.99	14.90	15.03	14.23	14.81	14.99	15.09	15.16	15.55
Nondurable Goods[c]	10.71	10.85	11.05	10.90	10.80	10.67	10.60	10.59	10.51	10.64	10.53	10.62	10.74
Food and kindred products	11.84	11.67	11.86	11.83	11.84	11.69	11.66	11.87	11.76	12.03	11.94	11.95	11.96
Beverages	11.74	11.41	11.67	11.54	11.65	11.81	11.71	11.86	11.77	11.98	11.84	11.81	11.84
Apparel and other textile products	5.62	6.12	6.22	5.89	5.69	5.51	5.46	5.53	5.46	5.54	5.44	5.41	5.43
Paper and allied products	9.47	9.30	9.34	9.32	9.55	9.32	9.52	9.39	9.48	9.53	9.57	9.59	9.65
Printing and publishing	10.87	10.72	10.80	11.03	10.70	10.81	10.64	10.73	10.73	10.80	10.87	11.13	11.45
Commercial printing	11.57	11.19	11.36	11.68	11.42	11.59	11.26	11.66	11.46	11.50	11.43	11.88	12.24
Chemicals and allied products	12.34	13.03	13.11	12.82	12.52	12.41	12.26	12.05	12.00	12.07	11.88	11.95	11.92
Rubber and misc. plastics products	8.61	8.20	8.41	8.29	8.71	8.59	8.65	8.72	8.38	8.48	8.79	8.90	9.08
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services	12.61	12.24	12.33	12.34	12.43	12.56	12.56	12.50	12.84	12.86	12.87	12.88	12.90
WHOLESALE TRADE	9.20	9.06	9.12	9.09	9.18	9.24	9.18	9.16	9.19	9.29	9.28	9.25	9.32
RETAIL TRADE[d]	5.42	5.37	5.40	5.42	5.37	5.41	5.40	5.41	5.41	5.43	5.47	5.42	5.49
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Banking	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-31-86 RS-790-4-3 (1985)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	41.4	42.3	38.9	41.7	41.2	41.4	41.1	40.9	40.9	41.7	41.7	42.2	42.5
Durable Goods[b]	41.2	42.3	37.9	41.5	41.1	41.0	41.0	40.4	40.8	41.9	41.8	42.5	42.6
Fabricated metal products	41.4	41.2	38.3	41.0	41.6	42.0	40.9	42.2	42.8	43.0	41.1	41.5	41.6
Fabricated structural metal products	42.3	41.1	36.4	41.7	41.2	43.7	41.8	44.5	46.1	46.4	41.0	41.5	42.6
Machinery, except electrical	41.2	41.3	39.2	41.2	40.6	40.3	40.9	40.2	40.9	41.5	42.5	42.9	43.3
Metalworking machinery	41.3	41.7	39.2	42.3	40.8	40.2	40.6	39.9	40.9	41.6	41.8	43.5	43.9
General industrial machinery	40.5	40.5	38.1	40.5	38.9	40.1	41.5	39.1	41.9	41.1	40.4	41.2	42.8
Electric and electronic equipment	40.8	40.8	38.5	40.7	39.3	40.5	40.4	39.8	40.8	41.0	41.9	42.5	43.7
Transportation equipment	42.8	45.4	36.7	43.3	42.8	42.5	42.9	41.6	41.3	43.8	43.7	44.4	44.5
Motor vehicles and equipment	43.9	47.6	40.0	43.6	43.0	44.0	43.9	41.8	41.1	44.8	44.9	44.7	46.8
Nondurable Goods[c]	41.5	42.3	40.0	41.9	41.5	41.7	41.2	41.5	41.0	41.5	41.5	41.9	42.5
Food and kindred products	42.3	42.9	41.1	43.0	41.9	43.0	41.9	43.3	41.6	43.3	42.2	41.4	41.7
Beverages	41.4	40.6	40.7	40.9	41.7	40.9	41.7	42.2	42.0	43.3	40.7	40.8	41.0
Apparel and other textile products	37.4	35.1	33.4	36.7	35.4	37.8	37.1	36.6	37.7	39.2	40.2	39.3	39.3
Paper and allied products	41.2	41.0	37.9	41.2	41.6	41.4	40.8	40.6	42.2	41.4	41.5	42.3	42.6
Printing and publishing	39.9	40.9	38.7	40.2	39.6	39.9	39.5	39.8	39.4	39.1	38.8	40.7	41.7
Commercial printing	42.1	43.0	40.5	41.6	41.1	41.5	40.9	42.0	41.0	41.0	41.3	43.7	46.9
Chemicals and allied products	42.2	43.3	42.0	43.2	42.4	41.9	42.0	41.9	41.7	42.3	41.9	41.6	42.1
Rubber and misc. plastics products	45.0	44.8	41.9	43.8	45.2	45.8	44.8	45.6	41.4	43.6	47.3	46.8	49.3
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	39.4	39.3	38.8	39.3	39.4	39.7	39.9	39.7	39.7	39.6	39.4	39.1	39.5
WHOLESALE TRADE	40.4	40.2	39.1	40.3	39.9	40.6	40.5	40.7	40.9	40.5	40.6	40.6	40.9
RETAIL TRADE	29.9	29.6	28.3	29.7	29.7	29.9	30.3	30.5	30.4	30.4	29.7	29.7	30.1
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$441.74	$459.80	$420.51	$449.53	$440.43	$437.18	$434.43	$428.22	$431.09	$444.52	$442.02	$452.38	$459.85
Durable Goods[b]	438.78	460.65	400.98	442.81	434.84	429.27	432.55	418.54	431.26	447.49	445.59	459.85	464.34
Fabricated metal products	392.06	388.52	360.40	384.17	394.78	397.32	388.14	398.79	410.45	413.23	386.75	395.50	391.46
Fabricated structural metal products ..	413.69	396.62	354.90	404.07	411.18	429.13	408.80	428.54	447.63	459.82	398.11	410.02	418.33
Machinery, except electrical	403.76	407.22	382.98	402.11	395.04	389.30	399.18	388.33	401.64	411.68	420.33	421.71	430.40
Metalworking machinery	442.32	452.86	422.18	453.88	437.38	427.73	430.77	418.15	433.95	448.86	444.75	467.63	479.39
General industrial machinery	372.20	366.53	343.66	366.12	350.49	362.50	383.05	363.63	389.25	383.05	374.51	383.57	404.89
Electric and electronic equipment	357.41	344.76	333.03	353.28	339.95	351.95	350.27	342.28	358.22	361.21	378.36	386.75	396.36
Transportation equipment	609.47	666.47	529.95	621.79	607.76	597.13	608.32	568.26	582.74	620.21	617.04	635.81	646.59
Motor vehicles and equipment	665.96	761.60	633.60	665.34	644.57	655.60	659.82	594.81	608.69	671.55	677.54	677.65	727.74
Nondurable Goods[c]	444.47	458.96	442.00	456.71	448.20	444.94	436.72	439.49	430.91	441.56	437.00	444.98	456.45
Food and kindred products	500.83	500.64	487.45	508.69	496.10	502.67	488.55	513.97	489.22	520.90	503.87	494.73	498.73
Beverages	486.04	463.25	474.97	471.99	485.81	483.03	488.31	500.49	494.34	518.73	481.89	481.85	485.44
Apparel and other textile products	210.19	214.81	207.75	216.16	201.43	208.28	202.57	202.40	205.84	217.17	218.69	212.61	213.40
Paper and allied products	390.16	381.30	353.99	383.98	397.28	385.85	388.42	381.23	400.06	394.54	397.16	405.66	411.09
Printing and publishing	433.71	438.45	417.96	443.41	423.72	431.32	420.28	427.05	422.76	422.28	421.76	452.99	477.47
Commercial printing	487.10	481.17	460.08	485.89	469.36	480.99	460.53	489.72	469.86	471.50	472.06	519.16	574.06
Chemicals and allied products	520.75	564.20	550.62	553.82	530.85	519.98	514.92	504.90	500.40	510.56	497.77	497.12	501.83
Rubber and misc. plastics products	387.45	367.36	352.38	363.10	393.69	393.42	387.52	397.63	346.93	369.73	415.77	416.52	447.64
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services ...	496.83	481.03	478.40	484.96	489.74	498.63	501.14	496.25	509.75	509.26	507.08	503.61	509.55
WHOLESALE TRADE	371.68	364.21	356.59	366.33	366.28	375.14	371.79	372.81	375.87	376.25	376.77	375.55	381.19
RETAIL TRADE[d]	162.06	158.95	152.82	160.97	159.49	161.76	163.62	165.01	164.46	165.07	162.46	160.97	165.25
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	......	......	......	......	......	......	......	......	......	......
Banking	237.36	233.36	230.53	235.69	236.86	235.19	237.37	237.32	233.77	241.28	240.57	242.78	242.90

---

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-31-86 RS-790-2-3 (1985)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA, 1984[a]
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	600.8	578.4	578.6	582.3	591.3	600.2	606.1	603.7	606.4	608.9	614.6	618.3	620.5
MANUFACTURING	145.0	142.3	142.3	142.9	143.8	144.8	145.9	146.4	147.0	144.0	146.8	146.9	147.1
Durable Goods[b]	81.2	79.2	79.5	79.8	80.3	80.9	81.4	81.7	82.7	79.9	82.6	82.9	83.3
Fabricated metal products	10.9	11.0	11.1	11.1	11.0	10.9	10.9	10.9	10.9	10.6[e]	10.8[e]	10.7[e]	10.6[e]
Fabricated structural metal products	3.9	3.9	3.9	3.9	3.8	3.7	3.7	3.7	3.9	4.0	4.1	4.0	3.9
Machinery, except electrical	21.5	20.6	21.0	21.0	21.3	21.5	21.6	21.7	21.9	21.7	21.9	21.8	21.8
Metalworking machinery	9.8	9.5	9.6	9.7	9.7	9.8	9.9	9.8	10.0	9.9	9.9	9.8	9.8
General industrial machinery	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.2	3.2	3.2	3.1
Electric and electronic equipment	8.4	8.3	8.4	8.3	8.3	8.5	8.4	8.3	8.4	8.4	8.5	8.4	8.4
Transportation equipment	25.6	25.5	25.3	25.3	25.4	25.5	25.6	25.7	26.0	23.6	26.0	26.4	26.8
Motor vehicles and equipment	10.1	10.5	10.3	10.3	10.3	10.3	10.2	10.1	10.3	7.7	10.0	10.2	10.3
Nondurable Goods[c]	63.8	63.1	62.7	63.1	63.5	63.9	64.5	64.7	64.3	64.1	64.2	64.1	63.9
Food and kindred products	12.8	12.8	12.7	12.7	12.7	12.7	13.1	13.1	12.9	12.7	12.8	12.8	12.7
Beverages	4.1	4.0	4.0	3.9	4.0	4.0	4.2	4.2	4.2	4.0	4.2	4.2	4.1
Apparel and other textile products	3.9	3.8	3.7	3.8	4.0	4.0	4.0	3.9	3.9	3.9	4.0	3.9	3.8
Paper and allied products	5.9	5.9	5.8	5.8	5.8	5.9	6.0	5.9	6.0	5.9	5.9	5.9	5.8
Printing and publishing	12.2	11.9	11.9	12.0	12.1	12.2	12.2	12.3	12.3	12.4	12.4	12.4	12.5
Commercial printing	5.2	5.0	5.0	5.1	5.2	5.2	5.2	5.2	5.2	5.3	5.4	5.4	5.4
Chemicals and allied products	20.9	20.9	20.8	20.8	20.8	20.9	21.0	21.1	21.0	21.0	21.0	20.8	21.0
Rubber and misc. plastics products	5.1	4.9	4.9	4.9	5.0	5.0	5.1	5.1	5.1	5.1	5.2	5.2	5.2
NONMANUFACTURING[d]	455.8	436.1	436.3	439.4	447.5	455.5	460.2	457.3	459.5	464.9	467.8	471.3	473.4
CONSTRUCTION	21.9	19.3	18.4	19.1	20.2	21.6	22.8	23.4	23.9	23.2	24.1	23.8	22.8
TRANSPORTATION AND PUBLIC UTILITIES	32.5	31.4	31.4	31.5	31.9	32.1	32.5	32.8	32.9	33.3	33.3	33.2	33.3
Trucking and warehousing	9.3	8.8	8.9	9.0	9.1	9.1	9.3	9.6	9.6	9.6	9.6	9.6	9.6
Communication, electric, gas services	14.6	14.9	14.5	14.5	14.4	14.4	14.5	14.8	14.7	14.7	14.8	14.7	14.8
WHOLESALE TRADE	39.3	38.1	38.3	38.4	38.9	39.1	39.6	39.7	39.8	39.8	39.9	40.3	40.3
Wholesale trade-durable goods	23.2	22.2	22.4	22.5	22.8	22.9	23.2	23.4	23.5	23.5	23.8	23.9	24.0

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA, 1984[a]

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
RETAIL TRADE	111.4	105.6	104.4	104.9	108.1	109.9	110.5	111.7	112.7	114.4	115.8	118.2	120.3
General merchandise stores	19.3	19.5	18.6	18.6	18.4	18.3	18.4	18.5	18.6	20.0	19.9	21.1	22.1
FINANCE, INSURANCE, AND REAL ESTATE	33.9	33.0	33.0	33.2	33.3	33.4	34.1	34.4	34.3	34.3	34.4	34.6	34.7
Banking	7.4	7.4	7.3	7.3	7.3	7.3	7.4	7.5	7.5	7.5	7.4	7.4	7.5
Insurance carriers	10.9	10.8	10.8	10.7	10.7	10.8	10.9	10.9	11.0	11.0	11.0	11.1	11.1
SERVICES	137.1	129.1	129.6	131.2	134.2	138.0	140.7	140.6	141.8	141.5	139.3	139.8	140.1
Hotels and other lodging places	6.0	5.8	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.1	6.0	6.0	5.9
Personal services	6.9	6.8	6.7	6.8	6.9	6.7	6.9	6.8	6.9	6.8	7.0	7.1	7.1
Business services	28.2	25.8	25.9	26.5	26.6	27.4	27.7	29.1	29.7	29.9	29.6	29.8	30.2
Amusement and recreation services	7.0	4.9	4.7	5.0	6.2	8.5	8.9	9.8	9.8	8.8	5.7	5.8	5.7
Health services	45.2	44.3	44.4	44.6	44.8	45.2	46.3	45.2	45.5	45.6	45.6	45.7	45.8
GOVERNMENT	79.3	79.4	80.8	80.8	80.5	80.9	79.6	74.3	73.8	78.0	80.5	81.1	81.5
Federal government	12.8	12.3	12.7	12.7	12.7	12.7	12.8	12.7	12.8	12.8	12.7	13.0	13.1
State government	18.0	18.0	18.4	18.3	18.4	18.4	18.5	16.6	16.6	17.1	18.4	18.4	18.4
State government education	10.7	10.8	11.3	11.2	11.2	11.2	11.2	9.2	9.3	9.9	11.2	11.2	11.1
State government, except education	7.2	7.2	7.2	7.1	7.1	7.1	7.3	7.4	7.3	7.3	7.2	7.2	7.3
Local government	48.6	49.2	49.7	49.8	49.5	49.8	48.3	45.0	44.3	48.1	49.3	49.6	50.0
Local government education	27.1	28.1	28.8	28.7	28.2	28.5	26.2	22.5	22.3	26.5	27.9	28.2	29.0
Local government, except education	21.5	21.1	21.0	21.1	21.2	21.3	22.1	22.5	22.0	21.6	21.4	21.4	21.0

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

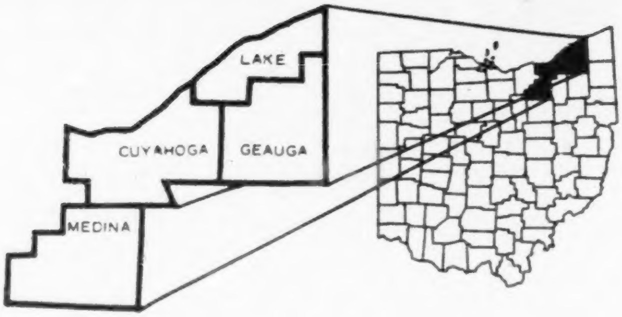
Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-14-86 RS-790-1-3 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA, 1983[a]
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	575.6	559.5	556.7	562.4	570.3	574.6	577.8	576.7	575.6	585.2	588.7	589.3	590.2
MANUFACTURING	140.4	138.7	137.3	138.1	139.4	138.7	140.2	140.0	142.0	140.8	143.8	144.1	141.8
Durable Goods[b]	77.0	75.8	74.4	75.1	75.8	75.6	76.6	77.1	78.6	77.1	80.0	80.1	77.9
Fabricated metal products	11.5	11.8	11.7	11.6	11.7	11.5	11.4	11.3	11.4	11.5	11.4	11.4	11.1
Fabricated structural metal products	3.8	3.7	3.6	3.7	3.8	3.7	3.8	3.8	4.0	4.0	3.9	3.9	3.9
Machinery, except electrical	19.4	19.8	18.8	18.8	18.9	18.7	18.9	19.3	19.6	19.8	19.8	20.1	20.5
Metalworking machinery	8.6	9.1	8.2	8.1	8.3	8.1	8.3	8.6	8.7	8.9	9.0	9.1	9.4
General industrial machinery	3.4	3.4	3.4	3.5	3.4	3.4	3.4	3.5	3.4	3.4	3.3	3.3	3.4
Electric and electronic equipment	8.1	7.8	7.8	7.9	8.0	8.0	8.1	8.2	8.1	8.2	8.2	8.3	8.3
Transportation equipment	24.0	23.6	23.3	23.5	23.7	23.8	24.3	24.3	25.0	22.6	25.6	25.6	23.0
Motor vehicles and equipment	9.2	8.9	8.8	9.0	9.1	9.1	9.3	9.2	9.9	7.6	10.6	10.7	8.1
Nondurable Goods[c]	63.4	62.9	62.9	63.0	63.6	63.2	63.6	62.8	63.4	63.8	63.8	63.9	63.9
Food and kindred products	13.5	13.8	13.6	13.8	13.8	13.7[e]	13.6	13.1[e]	13.4	13.5	13.5	13.4	13.3
Beverages	4.2	4.3	4.1	4.3	4.2	4.1	4.1	3.9	4.1	4.2	4.2	4.2	4.1
Apparel and other textile products	3.8	3.5	3.6	3.6	3.7	3.8	3.9	4.0	3.9	4.0	3.8	3.8	3.8
Paper and allied products	5.7	5.5	5.5	5.4	5.6	5.7	5.8	5.8	5.9	5.9	5.9	5.9	6.0
Printing and publishing	11.6	11.4	11.6	11.6	11.5	11.5	11.6	11.2[e]	11.3[e]	11.4	11.7	11.8	11.9
Commercial printing	4.8	4.7	4.8	4.8	4.8	4.8	4.8	4.3	4.4	4.6	5.0	5.1	5.1
Chemicals and allied products	21.2	21.4	21.3	21.2	21.3	21.2	21.2	21.2	21.2	21.2	21.2	21.1	21.2
Rubber and misc. plastics products	4.3	4.1	4.1	4.1	4.3	4.3	4.3	4.3	4.4	4.4	4.5	4.6	4.6
NONMANUFACTURING[d]	435.2	420.8	419.3	424.2	430.9	435.9	437.6	436.8	433.6	444.3	444.9	445.2	448.4
CONSTRUCTION	20.4	16.8	16.6	17.9	18.2	19.8	20.4	21.8	22.3	22.7	23.4	22.9	22.0
TRANSPORTATION AND PUBLIC UTILITIES	31.4	30.9	31.0	31.1	31.4	31.6	31.9	32.0	28.6	32.4	32.4	32.0	32.0
Trucking and warehousing	8.9	8.6	8.7	8.7	8.7	8.7	8.9	9.0	9.1	9.3	9.3	9.2	9.2
Communication, electric, gas services	14.7	15.0	14.9	14.9	14.9	15.0	15.1	15.1	11.7[e]	15.1	14.9	14.8	14.9
WHOLESALE TRADE	36.5	35.6	35.4	35.5	35.8	36.1	36.5	36.9	36.8	37.0	37.2	37.6	37.7
Wholesale trade - durable goods	21.1	20.7	20.6	20.6	20.8	20.9	21.0	21.3	21.3	21.3	21.5	21.8	21.9
RETAIL TRADE	104.7	101.5	99.5	100.7	102.6	103.7	104.8	104.8	105.5	106.3	107.3	108.6	111.0
General merchandise stores	19.2	19.9	18.4	18.4	18.7	18.1	18.7	18.4	18.3	18.5	19.6	20.7	22.0
FINANCE, INSURANCE, AND REAL ESTATE	32.8	32.2	32.3	32.4	32.7	32.7	33.0	33.2	33.2	33.0	32.8	32.9	33.0
Banking	7.3	7.4	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.3	7.3	7.4
Insurance carriers	11.1	11.2	11.2	11.2	11.2	11.1	11.2	11.1	11.1	11.0	11.0	10.9	10.9
SERVICES	129.7	123.3	123.5	125.2	128.9	130.1	131.8	133.2	133.0	134.2	131.6	130.5	130.7
Hotels and other lodging places	5.5	4.9	4.8	5.0	5.2	5.5	5.6	5.8	5.8	5.8	5.8	5.9	5.8
Personal services	6.5	6.6	6.5	6.6	6.7	6.4	6.4	6.4	6.4	6.5	6.5	6.5	6.5
Business services	24.6	22.5	22.6	22.9	23.6	24.0	24.2	25.5	25.5	26.2	26.1	26.1	26.4
Amusement and recreation services	6.9	5.0	4.8	5.1	7.2	7.7	9.3	9.4	9.2	8.6	5.9	4.7	5.9
Health services	44.2	43.2	43.0	43.3	43.8	44.0	44.3	45.0	45.1	45.0	44.5	44.4	44.5
GOVERNMENT	79.2	80.2	80.8	81.1	80.9	81.5	78.8	74.4	73.8	78.4	79.9	80.3	80.5
Federal government	12.4	12.3	12.5	12.6	12.6	12.6	12.5	12.4	12.2	12.2	12.0	12.1	12.3
State government	17.8	18.3	18.5	18.4	18.4	18.4	17.7	16.4	16.4	16.9	18.0	18.2	18.1
State government education	10.6	11.0	11.1	11.1	11.1	11.1	10.4	9.0	9.1	9.7	10.9	11.2	11.0
State government, except education	7.3	7.4	7.4	7.4	7.3	7.3	7.3	7.4	7.3	7.2	7.1	7.0	7.1
Local government	49.0	49.5	49.9	50.1	49.9	50.6	48.6	45.6	45.2	49.3	49.9	49.9	50.1
Local government education	27.4	28.2	28.8	28.8	28.5	28.9	26.5	23.2	23.0	27.1	28.3	28.4	28.8
Local government, except education	21.7	21.3	21.1	21.2	21.4	21.6	22.1	22.4	22.2	22.2	21.6	21.5	21.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA

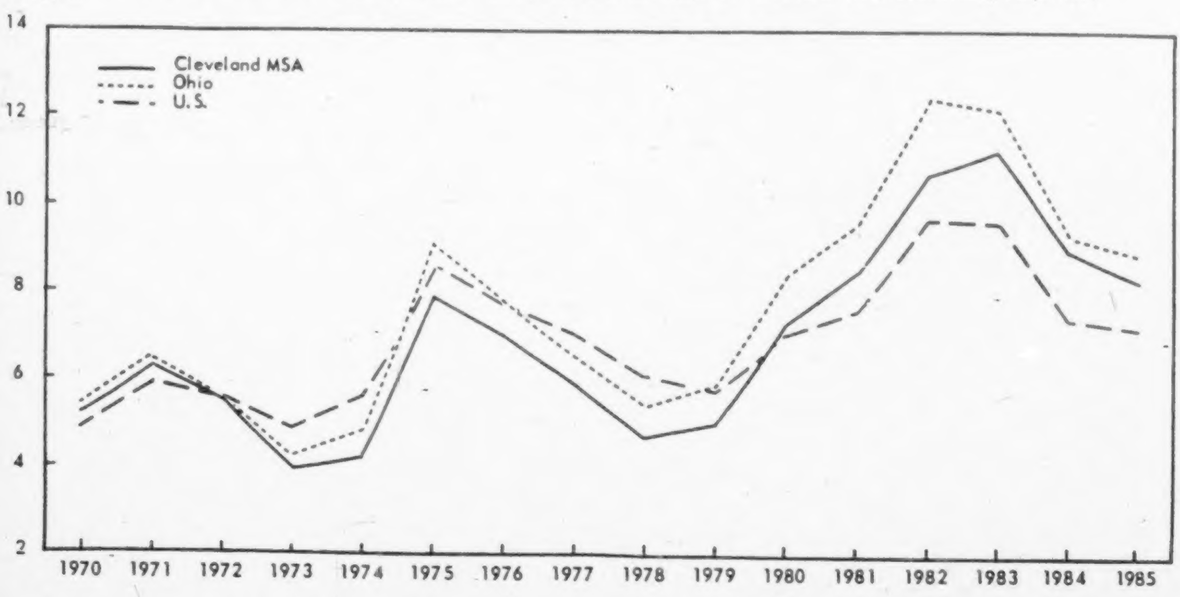


The estimated annual average civilian labor force in the Cleveland area, based on place of residence, decreased 1,500 from 1984 to 922,000 in 1985. Total employment rose 4,500 over the year, and unemployment dropped 6,000 to a 1985 total of 76,500. The unemployment rate declined from 8.9 percent in 1984 to 8.3 percent in 1985 (see table, page 71).

Cleveland's nonagricultural employment increased 14,800 over the year. However, growth realized in 1984 in fabricated metal products and nonelectrical machinery was lost in 1985, although employment in these industries remained above 1983 levels. With the exception of printing and publishing, virtually every manufacturing industry experienced employment reductions in 1985. The decline in manufacturing employment, however, was offset by an increase of 18,000 jobs in nonmanufacturing industries. Most of this gain was in services: business services increased 5,100; health services, 1,300. Retail trade also gained 5,000 jobs.

Nonfarm employment continued to recover from the recession of the early 1980's, primarily due to employment growth in nonmanufacturing industries. However, nonfarm employment remained 50,500 below the 1979 level. A slowed growth rate in durable-goods industries due to continued declines in primary metal industries, electric and electronic equipment, and transportation equipment, along with continued downturns in communication, electric, and gas services, and government, were significant contributing factors (see table, page 71). Although employment growth in wholesale trade and retail trade was noteworthy, growth in services was primarily responsible for Cleveland's continuing recovery.

CLEVELAND MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



CIVILIAN LABOR FORCE ESTIMATES (Absolute data in thousands)

Cleveland Primary Metropolitan Statistical Area[a]

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Cleveland	Ohio	U.S.
1970	878.9	833.5	45.4	5.2	5.4	4.9
1971	866.7	811.7	55.0	6.3	6.5	5.9
1972	873.2	825.2	48.0	5.5	5.5	5.6
1973	883.9	849.0	34.9	3.9	4.3	4.9
1974	899.1	861.4	37.7	4.2	4.8	5.6
1975	896.9	826.3	70.6	7.9	9.1	8.5
1976	897.7	834.4	63.3	7.0	7.8	7.7
1977	908.5	854.4	54.0	5.9	6.5	7.1
1978	921.7	878.5	43.2	4.7	5.4	6.1
1979	935.8	889.1	46.7	5.0	5.9	5.8
1980	937.1	869.1	68.0	7.3	8.4	7.1
1981	933.9	854.0	79.8	8.5	9.6	7.6
1982	933.4	833.2	100.2	10.7	12.5	9.7
1983	928.7	823.4	105.3	11.3	12.2	9.6
1984	923.6	841.0	82.6	8.9	9.4	7.5
1985	922.1	845.5	76.6	8.3	8.9	7.2

[a] These data are estimates based on place of residence.

[b] Unemployment as percentage of civilian labor force.

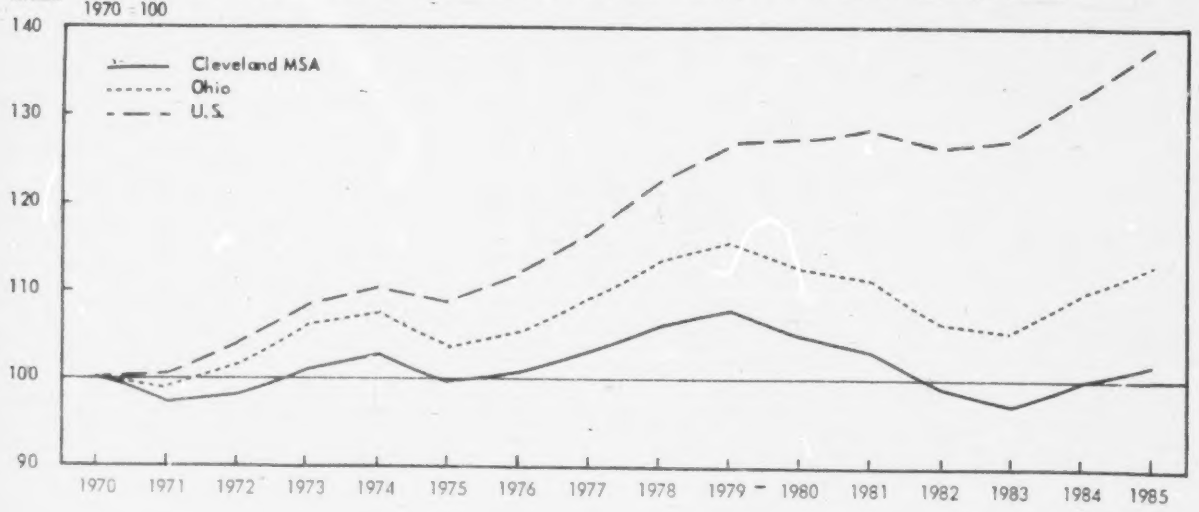
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES IN THE CLEVELAND METROPOLITAN STATISTICAL AREA 1979, 1983, and 1985

Industry	Employment (in thousands)			Employment Change		Percent Recovery	
	1979	1983	1985	1979-1983	1983-1985	Cleveland	Ohio
TOTAL	919.8	829.8	869.3	-90.0	39.5	43.9	72.9
MANUFACTURING	276.3	207.3	210.7	-69.0	3.4	4.9	18.1
Durable Goods	205.1	143.9	146.1	-61.2	2.2	3.6	17.7
Primary metal industries	31.6	24.1	22.6	-7.5	-1.5	-	-
Fabricated metal products	45.5	31.1	33.1	-14.4	2.0	13.9	20.1
Machinery, except electrical	50.7	30.9	33.1	-19.8	2.2	11.1	17.2
Electric and electronic equipment	26.5	21.3	19.6	-5.2	-1.7	-	3.9
Transportation equipment	31.8	20.3	19.9	-11.5	-0.4	-	58.2
Motor vehicles and equipment	24.0	13.9	12.8	-10.1	-1.1	-	37.0
Nondurable Goods	71.2	63.4	64.6	-7.8	1.2	15.4	19.5
CONSTRUCTION	33.5	25.3	27.8	-8.2	2.5	30.5	44.7
TRANSPORTATION AND PUBLIC UTILITIES	47.8	40.9	41.3	-6.9	0.4	5.8	11.9
Communication, electric, gas services	18.9	19.4	18.4	0.5	-1.0	-	-
WHOLESALE TRADE	65.3	58.9	63.0	-6.4	4.1	64.1	233.0
RETAIL TRADE	146.8	135.9	145.9	-10.9	10.0	91.7	251.0
FINANCE, INSURANCE, AND REAL ESTATE	47.9	48.4	49.4	0.5	1.0	+	+
SERVICES	182.5	195.7	214.3	13.2	18.6	+	+
GOVERNMENT	118.2	116.1	115.9	-2.1	-0.2	-	48.0

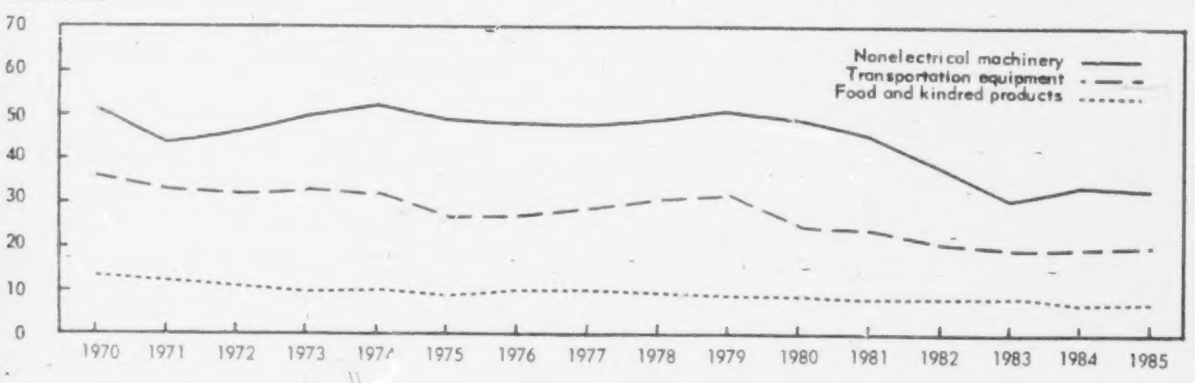
+ No downturn, 1979-1983

- No upturn, 1983-1985

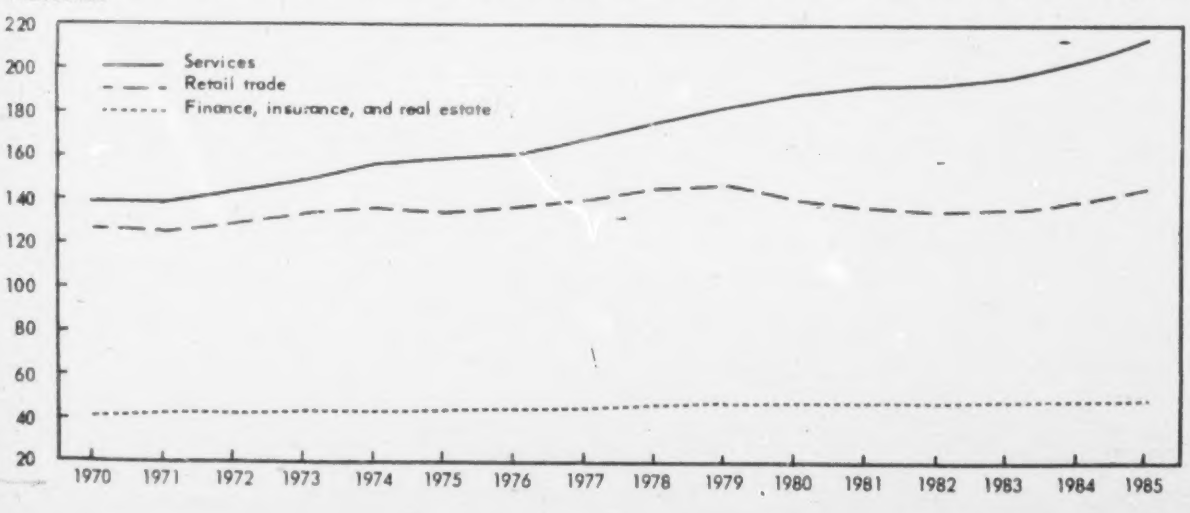
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



CLEVELAND MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)

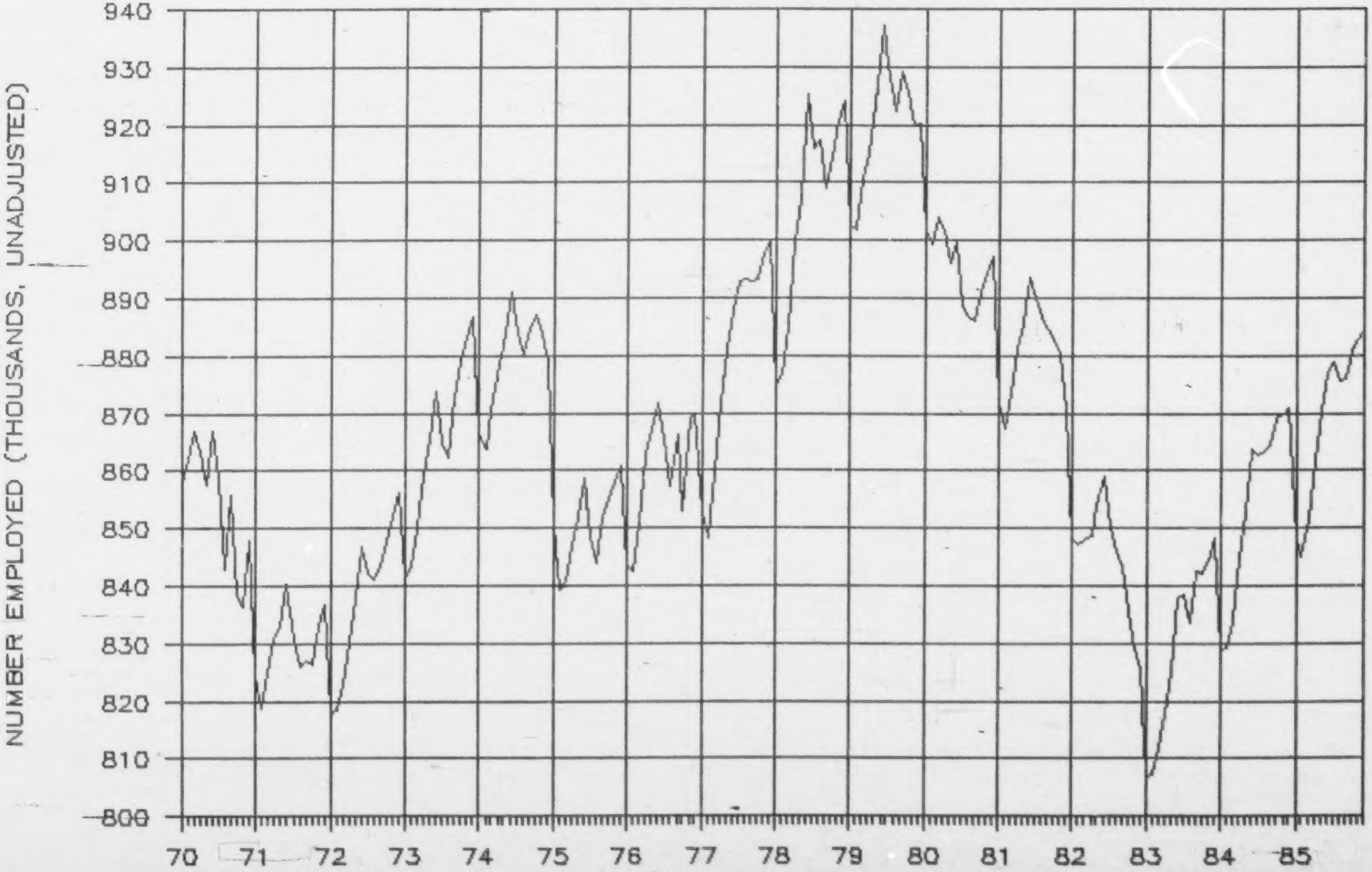


CLEVELAND MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)



CLEVELAND PMSA

TOTAL NONAGRICULTURAL EMPLOYMENT



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA, 1985[a]

(in thousands)

1.

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	869.3	848.3	845.2	851.4	861.6	870.6	876.8	878.9	875.7	876.1	880.6	882.7	884.2
MANUFACTURING	210.7	212.9	212.1	212.3	211.3	212.0	212.3	210.7	209.0	209.4	208.9	208.9	208.3
Durable Goods[b]	146.1	148.3	147.6	147.7	146.8	147.3	147.2	145.8	144.2	144.6	144.5	144.7	144.2
Primary metal industries	22.6	23.2	23.1	23.1	22.6	22.6	22.5	22.3	22.1	22.4	22.3	22.3	22.5
Blast furnace and basic steel products	10.6	10.8	10.8	11.0	10.7	10.6	10.4	10.4	10.4	10.4	10.4	10.4	10.4
Iron and steel foundries	5.5	5.8	5.7	5.5	5.4	5.5	5.6	5.5	5.4	5.5	5.5	5.5	5.7
Fabricated metal products	33.1	33.4	33.2	33.2	33.2	33.5	33.4	32.9	33.0	33.0	32.8	33.1	32.8
Fabricated structural metal products	3.7	3.6	3.5	3.5	3.7	3.8	3.9	3.9	3.8	3.8	3.7	3.7	3.7
Screw machine products, bolts, etc.	4.8	4.9	4.8	4.8	4.8	4.8	4.8	4.7	4.7	4.8	4.8	4.8	4.8
Metal forgings and stampings	11.1	11.4	11.4	11.4	11.3	11.4	11.1	10.6	10.7	10.9	10.8	11.1	10.8
Machinery, except electrical	33.1	33.8	33.6	33.7	33.5	33.3	33.3	33.1	32.7	32.8	32.6	32.4	32.4
Construction and related machinery	3.6	4.2	4.1	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.2	3.2
Metalworking machinery	10.5	10.7	10.7	10.8	10.7	10.7	10.6	10.6	10.5	10.4	10.3	10.1	10.2
Special industry machinery	3.7	3.7	3.7	3.7	3.7	3.7	3.8	3.7	3.7	3.8	3.8	3.7	3.7
General industrial machinery	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Electric and electronic equipment	19.6	19.9	19.9	20.0	20.0	19.9	19.8	19.8	19.3	19.1	19.3	19.3	19.3
Electrical industrial apparatus	7.0	7.1	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.8	6.9	6.9	6.8
Transportation equipment	19.9	20.3	20.2	20.2	20.0	20.1	20.1	19.9	19.3	19.6	19.7	19.9	19.8
Motor vehicles and equipment	12.8	13.2	13.2	13.2	12.9	13.0	12.9	12.7	12.0	12.4	12.6	12.7	12.7
Instruments and related products	7.9	7.9	7.9	7.8	7.8	7.8	7.9	8.0	7.9	7.9	7.9	7.9	7.8
Measuring and controlling devices	4.2	4.2	4.2	4.2	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
Nondurable Goods[c]	64.6	64.7	64.6	64.6	64.5	64.7	65.2	64.9	64.8	64.8	64.4	64.3	64.1
Food and kindred products	6.9	6.9	6.8	6.9	6.8	6.8	5.9	7.0	7.0	7.0	7.0	7.1	7.2
Apparel and other textile products	4.8	4.9	5.0	4.9	4.9	4.9	4.9	4.8	4.7	4.8	4.8	4.7	4.8
Paper and allied products	5.3	5.5	5.5	5.4	5.4	5.4	5.4	5.3	5.3	5.4	5.2	5.2	5.2
Printing and publishing	15.8	15.8	15.8	15.9	15.9	15.8	16.0	15.9	15.9	15.7	15.6	15.5	15.6
Chemicals and allied products	14.1	14.0	14.1	14.2	14.1	14.1	14.3	14.2	14.3	14.2	14.0	13.9	13.6
Rubber and misc. plastics products	11.8	11.8	11.8	11.6	11.7	11.7	11.6	11.6	11.7	11.8	12.1	12.0	12.0

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA, 1985[a] (Continued)

(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
—NONMANUFACTURING[d]	658.7	635.4	633.0	639.1	650.3	658.6	664.5	668.3	666.7	666.8	671.7	673.8	675.9
CONSTRUCTION	27.8	24.1	23.2	24.0	26.1	27.8	28.7	29.6	30.3	30.5	30.9	30.1	28.4
TRANSPORTATION AND PUBLIC UTILITIES	41.3	40.0	39.8	40.1	40.8	41.3	41.5	41.5	41.5	41.8	41.9	42.3	42.6
Trucking and warehousing	11.2	10.8	10.9	11.0	11.0	11.1	11.1	10.9	11.0	11.3	11.5	11.9	12.3
Communication, electric, gas services	18.4	18.0	18.0	18.1	18.3	18.4	18.5	18.7	18.7	18.6	18.6	18.7	18.7
WHOLESALE TRADE	63.0	62.1	61.9	62.1	62.4	62.7	63.1	63.2	63.4	63.5	63.7	63.8	64.0
Wholesale trade-durable goods	44.0	43.2	43.0	43.2	43.6	43.7	44.0	44.2	44.3	44.3	44.5	44.7	44.8
RETAIL TRADE	145.9	141.7	138.8	140.8	143.0	146.5	147.0	146.9	147.3	147.7	147.9	149.5	153.1
General merchandise stores	20.5	21.7	19.8	19.8	19.9	20.3	20.2	19.9	20.0	20.2	20.6	21.3	22.5
FINANCE, INSURANCE, AND REAL ESTATE	49.4	48.6	48.7	48.7	48.6	48.9	49.7	50.1	50.2	50.0	49.9	49.9	49.7
Banking	12.9	12.7	12.7	12.7	12.6	12.7	12.8	13.0	13.1	13.0	13.0	13.0	13.0
Credit agencies other than banks	8.0	7.9	8.0	8.0	7.9	7.9	8.0	8.1	8.1	8.0	8.0	8.0	7.9
Insurance carriers	11.5	11.1	11.2	11.2	11.4	11.5	11.7	11.7	11.7	11.7	11.5	11.5	11.3
SERVICES	214.3	203.8	204.4	206.8	211.9	214.5	215.8	216.0	216.3	219.4	221.2	220.8	220.9
Business services	45.2	41.7	41.6	42.6	44.2	45.1	45.7	45.7	46.4	46.7	47.4	47.6	47.8
Amusement and recreation services	8.0	7.2	6.5	6.9	7.7	8.7	9.2	9.4	9.7	9.1	7.5	6.9	6.9
Health services	67.1	65.5	65.6	65.7	66.4	66.7	67.3	67.7	67.9	68.0	68.3	68.2	68.1
GOVERNMENT	115.9	114.0	115.2	115.5	116.3	115.8	117.5	119.8	116.7	112.8	115.1	116.3	116.1
Federal government	19.7	19.4	19.4	19.4	19.9	19.5	19.7	19.8	19.7	19.6	19.7	19.9	20.0
State government	7.8	7.6	7.9	8.1	8.3	7.7	8.2	7.7	7.5	7.4	7.9	7.7	8.2
State government education	2.8	2.6	3.0	3.1	3.0	2.8	3.0	2.5	2.3	2.3	3.0	2.8	3.2
State government, except education	5.1	5.0	4.9	4.9	5.3	4.9	5.2	5.2	5.2	5.1	4.9	4.9	5.0
Local government	88.4	87.0	87.8	88.0	88.1	88.5	89.7	92.3	89.6	85.8	87.4[e]	88.6	87.9
Local government education	43.4	43.0	44.4	44.4	44.5	44.0	43.0	42.8	40.7	41.1	43.7	44.5	44.3
Local government, except education	45.0	44.1	43.4	43.6	43.6	44.5	46.7	49.4	48.9	44.7	43.7	44.1	43.7

---

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-1-4 (1985)

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$11.19	$11.20	$11.13	$11.09	$11.12	$11.17	$11.19	$11.07	$11.18	$11.26	$11.24	$11.24	$11.35
Durable Goods[b]	11.78	11.77	11.69	11.65	11.71	11.74	11.78	11.66	11.80	11.89	11.86	11.84	11.99
Primary metal industries	13.34	13.39	13.24	12.97	13.14	13.23	13.41	13.04	13.52	13.62	13.25	13.55	13.72
Blast furnace and basic steel products	13.62	13.43	13.50	13.54	13.59	13.61	13.65	13.66	13.68	13.69	13.70	13.73	13.71
Iron and steel foundries	16.22	16.38	16.21	15.59	16.02	15.95	16.30	15.45	16.39	16.80	15.85	16.46	16.89
Fabricated metal products	11.35	11.17	11.15	11.29	11.45	11.33	11.35	11.19	11.41	11.46	11.54	11.43	11.41
Fabricated structural metal products	9.14	8.50	8.62	8.83	9.30	9.31	9.47	9.15	9.39	9.35	9.19	9.22	9.25
Screw machine products, bolts, etc.	9.75	9.34	9.81	9.67	9.69	9.76	9.65	9.57	9.88	9.93	9.81	9.92	9.97
Metal forgings and stampings	13.98	13.98	13.74	13.94	14.14	13.92	13.90	13.75	14.03	14.10	14.18	14.06	14.06
Machinery, except electrical	10.93	11.17	11.10	10.95	10.83	10.93	10.98	10.90	10.99	11.03	10.90	10.58	10.76
Construction and related machinery	10.09	10.86	10.66	10.39	10.28	10.25	10.17	9.80	9.80	9.69	9.62	9.40	9.61
Metalworking machinery	9.82	9.87	9.89	10.02	9.75	9.79	9.75	9.83	9.78	9.77	9.66	9.74	9.92
Special industry machinery	11.74	11.68	11.78	11.74	11.82	11.67	11.55	11.53	11.87	11.78	11.61	11.73	12.14
General industrial machinery	10.24	10.28	10.19	10.16	9.94	10.08	10.00	10.28	10.42	10.27	10.39	10.29	10.58
Electric and electronic equipment	10.18	10.22	10.17	10.12	10.06	10.04	10.01	10.05	10.15	10.16	10.43	10.39	10.35
Electrical industrial apparatus	10.47	10.33	10.28	10.28	10.26	10.32	10.41	10.35	10.58	10.41	10.97	10.89	10.62
Transportation equipment	14.54	14.34	14.33	14.36	14.41	14.51	14.50	14.55	14.36	14.55	14.65	14.79	15.16
Motor vehicles and equipment	15.36	15.04	15.07	15.13	15.24	15.35	15.33	15.44	15.29	15.44	15.55	15.50	15.97
Instruments and related products	9.57	8.98	9.14	9.36	9.50	9.47	9.53	9.42	9.66	9.76	9.90	10.03	10.07
Measuring and controlling devices	9.44	9.41	9.47	9.40	9.42	9.38	9.54	9.31	9.41	9.36	9.41	9.65	9.56
Nondurable Goods[c]	9.59	9.57	9.56	9.56	9.54	9.61	9.58	9.53	9.57	9.60	9.60	9.64	9.66
Food and kindred products	9.18	9.55	9.45	9.48	9.22	9.33	9.26	9.23	9.06	8.90	9.06	8.82	8.81
Apparel and other textile products	7.28	7.11	7.19	7.36	7.01	7.21	7.20	7.15	7.15	7.45	7.45	7.56	7.57
Paper and allied products	10.24	10.16	10.19	10.17	10.03	10.23	10.24	10.21	10.33	10.32	10.29	10.31	10.36
Printing and publishing	10.29	10.14	10.15	10.12	10.27	10.35	10.34	10.34	10.48	10.35	10.39	10.22	10.37
Chemicals and allied products	11.32	11.42	11.47	11.42	11.53	11.32	11.21	11.07	11.06	11.24	11.35	11.48	11.33
Rubber and misc. plastics products	8.60	8.56	8.50	8.50	8.43	8.56	8.60	8.58	8.68	8.71	8.53	8.71	8.82
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	13.09	12.74	12.82	12.73	12.84	12.87	12.86	13.04	13.29	13.46	13.38	13.61	13.48
WHOLESALE TRADE	9.32	9.19	.13	9.15	9.14	9.23	9.17	9.25	9.32	9.40	9.46	9.62	9.70
RETAIL TRADE[d]	6.15	6.11	6. 7	6.06	6.09	6.07	6.13	6.17	6.14	6.25	6.28	6.22	6.23
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-4-4 (1985)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	41.8	42.2	41.5	42.2	41.8	42.0	42.2	40.9	41.7	42.0	41.6	41.6	42.3
Durable Goods[b]	42.3	42.8	42.0	42.7	42.2	42.6	42.9	41.2	42.1	42.4	42.2	42.1	42.8
Primary metal industries	41.7	42.5	41.3	40.8	41.4	41.4	42.4	39.8	42.0	42.5	40.8	42.2	43.1
Blast furnace and basic steel products	36.9	36.0	36.2	36.7	36.7	36.9	37.1	37.0	37.1	37.2	37.2	37.1	37.4
Iron and steel foundries	49.2	51.0	48.2	45.0	48.4	49.0	51.7	43.0	51.7	52.0	45.9	51.2	52.6
Fabricated metal products	42.6	42.8	41.0	43.1	43.1	43.1	43.5	41.9	43.1	42.6	42.3	42.5	42.4
Fabricated structural metal products	42.1	41.4	40.3	42.6	45.3	44.3	44.9	41.1	42.9	41.4	39.0	40.6	41.0
Screw machine products, bolts, etc.	41.8	42.7	40.7	42.2	41.8	42.1	42.4	41.3	41.9	41.6	41.0	42.1	42.2
Metal-forgings and stampings	44.8	45.3	43.1	45.3	45.6	45.1	45.8	43.8	45.5	44.8	44.9	44.3	44.3
Machinery, except electrical	42.9	44.1	43.7	43.9	42.2	43.3	43.5	42.1	42.5	43.0	43.4	41.3	42.1
Construction and related machinery	41.5	40.6	41.0	41.6	40.9	40.4	40.8	39.8	41.4	41.5	44.2	42.9	44.0
Metalworking machinery	40.3	41.8	40.7	41.0	40.0	40.7	39.9	39.4	40.8	39.7	39.8	39.3	40.1
Special industry machinery	43.3	41.3	43.2	44.4	43.9	43.9	44.0	43.0	43.9	42.8	43.3	42.5	43.7
General industrial machinery	42.5	42.1	42.1	42.7	43.1	43.8	41.4	43.1	43.0	43.4	42.4	40.4	42.5
Electric and electronic equipment	39.8	39.3	40.1	40.8	40.0	39.3	39.5	38.3	39.0	40.4	40.4	39.6	40.3
Electrical industrial apparatus	40.2	40.0	40.6	40.5	39.6	39.5	39.7	39.6	40.5	40.9	41.2	40.5	39.4
Transportation equipment	45.6	46.5	44.9	45.8	45.4	46.4	46.3	44.8	44.5	44.8	45.3	45.4	47.3
Motor vehicles and equipment	46.4	47.2	45.0	46.5	47.1	47.8	47.6	45.0	46.0	45.5	45.4	45.3	47.8
Instruments and related products	42.3	40.6	42.0	43.3	42.5	42.6	42.7	41.7	41.7	42.2	42.8	42.5	43.5
Measuring and controlling devices	42.7	42.3	43.3	44.9	43.2	43.6	43.8	42.6	42.4	41.5	42.1	41.0	42.2
Nondurable Goods[c]	40.6	40.8	40.1	40.9	40.6	40.5	40.5	40.0	40.7	40.8	40.1	40.6	41.0
Food and kindred products	40.9	41.3	40.5	41.6	40.5	41.3	40.4	40.3	41.2	41.1	40.1	39.9	42.2
Apparel and other textile products	37.6	38.5	37.6	37.6	38.0	37.2	36.7	37.5	36.8	37.9	36.9	37.7	38.7
Paper and allied products	42.6	43.7	42.2	43.1	41.9	42.3	42.2	41.8	42.6	42.9	42.2	42.6	44.0
Printing and publishing	37.2	37.4	35.6	37.3	37.5	37.2	36.3	36.9	38.0	37.7	37.6	37.4	37.2
Chemicals and allied products	42.6	42.3	43.4	42.7	43.1	42.7	43.2	42.7	42.3	42.3	41.7	42.3	42.8
Rubber and misc. plastics products	42.5	42.5	42.3	43.2	42.2	42.4	43.0	40.8	43.2	42.5	41.5	43.3	42.9
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	41.2	40.4	40.7	40.5	40.7	40.7	40.9	41.6	41.3	41.7	41.6	42.3	42.2
WHOLESALE TRADE	39.6	39.4	39.1	39.3	39.4	39.3	39.7	39.8	39.7	39.7	39.8	39.5	39.9
RETAIL TRADE	28.5	27.9	27.9	28.5	28.4	28.6	28.9	29.2	29.0	28.7	28.2	28.0	28.8
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus, 43216 4-1-86 RS-790-3-4 (1985)

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$467.74	$472.64	$461.90	$468.00	$464.82	$469.14	$472.22	$452.76	$466.21	$472.92	$467.58	$467.58	$480.11
Durable Goods[b]	498.29	503.76	490.98	497.46	494.16	500.12	505.36	480.39	496.78	504.14	500.49	498.46	513.17
Primary metal industries	556.28	569.08	546.81	529.18	544.00	547.72	568.58	518.99	567.84	578.85	540.60	571.81	591.33
Blast furnace and basic steel products	502.58	483.48	488.70	496.92	498.75	502.21	506.42	506.42	507.53	509.27	509.64	509.38	512.75
Iron and steel foundries	798.02	835.38	781.32	781.55	775.37	781.55	842.71	664.35	847.36	873.60	727.52	842.75	888.41
Fabricated metal products	483.51	478.08	457.15	486.60	493.50	488.32	493.73	468.86	491.77	488.20	488.14	485.78	483.78
Fabricated structural metal products .	384.79	351.90	347.39	376.16	421.29	412.43	425.20	376.07	402.83	387.09	358.41	374.33	379.25
Screw machine products, bolts, etc. ..	407.55	398.82	399.27	408.07	405.04	410.90	409.16	395.24	413.97	413.09	402.21	417.63	420.73
Metal forgings and stampings	626.30	633.29	582.19	631.48	644.78	627.79	636.62	602.25	638.37	631.68	636.68	622.86	622.86
Machinery, except electrical	468.90	492.60	485.07	480.71	457.03	473.27	477.63	458.89	467.08	474.29	473.06	436.95	453.00
Construction and related machinery ...	418.74	440.92	437.06	432.22	420.45	414.10	414.94	390.04	405.72	402.14	425.20	403.26	422.84
Metalworking machinery	395.75	412.57	402.52	410.82	390.00	398.45	389.03	387.30	399.02	387.87	384.47	382.78	397.79
Special industry machinery	508.34	482.38	508.90	521.26	518.90	512.31	508.20	495.79	521.09	504.18	502.71	498.53	530.52
General industrial machinery	435.20	432.79	429.00	433.83	428.41	441.50	414.00	443.07	448.06	445.72	440.54	415.72	449.65
Electric and electronic equipment	405.16	401.65	407.82	412.90	402.40	394.57	395.40	384.92	395.85	410.46	421.37	411.44	417.11
Electrical industrial apparatus	420.89	413.20	417.37	416.34	406.30	407.64	413.28	409.86	428.49	425.77	451.96	441.05	418.43
Transportation equipment	663.02	666.81	643.42	657.69	654.21	673.26	671.35	651.84	639.02	651.84	663.65	671.47	717.07
Motor vehicles and equipment	712.70	709.89	678.15	703.55	717.80	733.73	729.71	694.80	703.34	702.52	705.97	702.15	763.37
Instruments and related products	404.81	364.59	383.88	405.29	403.75	403.42	406.93	392.81	402.82	411.87	423.72	426.28	438.05
Measuring and controlling devices	403.09	398.04	410.05	422.06	406.94	408.97	417.85	396.61	398.98	388.44	396.16	395.65	403.43
Nondurable Goods[c]	389.35	390.46	383.36	391.00	387.32	389.21	387.99	381.20	389.50	391.68	384.96	391.38	396.06
Food and kindred products	375.46	394.42	382.73	394.37	373.41	385.33	374.10	371.97	373.27	365.79	363.31	351.92	371.78
Apparel and other textile products	273.73	273.74	270.34	276.74	266.38	268.21	264.24	268.13	263.12	282.36	274.91	285.01	292.96
Paper and allied products	436.22	443.99	430.02	438.33	420.26	432.73	432.13	426.78	440.06	442.73	434.24	439.21	455.84
Printing and publishing	382.79	379.24	361.34	377.48	385.13	385.02	375.34	381.55	398.24	390.20	390.66	382.23	385.76
Chemicals and allied products	482.23	483.07	497.80	487.63	496.94	483.36	484.27	472.69	467.84	475.45	473.30	485.60	484.92
Rubber and misc. plastics products	365.50	363.80	359.55	367.20	355.75	362.94	369.80	350.06	374.98	370.18	354.00	337.14	378.38
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services ..	539.31	514.70	521.77	515.57	522.59	523.81	525.97	542.46	548.88	561.28	556.61	575.70	568.86
WHOLESALE TRADE	369.07	362.09	356.98	359.60	360.12	362.74	364.05	368.15	370.00	373.18	376.51	379.99	387.03
RETAIL TRADE[d]	175.28	170.47	169.35	172.71	172.96	173.60	177.16	180.16	178.06	179.38	177.10	174.16	179.42
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	......	......	......	......	......	......	......	......	......	......
Banking	267.06	258.69	258.69	258.99	254.49	264.04	270.14	269.55	268.56	269.70	266.54	275.50	290.00

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-2-86 HS-790-2-4 (1985)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA, 1984[a]
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	854.5	828.9	829.4	833.9	844.7	852.8	863.8	862.7	863.3	864.5	869.2	869.8	870.9
MANUFACTURING	213.8	210.4	210.2	211.7	212.4	213.7	215.8	214.5	214.7	215.8	215.5	215.7	215.1
Durable Goods[b]	148.6	146.7	146.5	147.5	147.8	148.5	149.5	148.6	148.6	150.2	149.7	149.9	149.6
Primary metal industries	23.8	24.5	24.5	24.4	24.3	24.1	23.9	23.6	23.2	23.5	23.3	23.1	23.0
Blast furnace and basic steel products	11.5	12.3	12.2	12.1	11.9	11.8	11.5	11.3	11.0	11.1	11.0	10.7	10.5
Iron and steel foundries	5.8	5.8	5.9	5.9	5.9	5.9	5.8	5.8	5.7	5.8	5.7	5.7	5.9
Fabricated metal products	33.3	32.3	32.3	32.5	33.0	33.2	33.7	33.3	33.7	34.0	33.8	33.8	33.8
Fabricated structural metal products	3.6	3.4	3.3	3.3	3.4	3.5	3.6	3.7	3.8	3.8	3.9	3.9	3.7
Screw machine products, bolts, etc.	4.8	4.5	4.6	4.6	4.7	4.7	4.8	4.7	4.8	4.9	4.9	5.0	5.0
Metal forgings and stampings	11.5	11.4	11.4	11.5	11.6	11.5	11.5	11.2	11.4	11.6	11.5	11.5	11.6
Machinery, except electrical	33.6	32.3	32.3	32.7	33.3	33.8	34.0	34.0	33.8	34.2	34.1	34.2	34.0
Construction and related machinery	4.8	5.3	5.1	5.0	5.0	5.0	4.9	4.8	4.7	4.7	4.7	4.7	4.5
Metalworking machinery	10.6	10.2	10.4	10.5	10.5	10.6	10.7	10.8	10.7	10.8	10.8	10.8	10.8
Special industry machinery	3.6	3.4	3.4	3.5	3.6	3.7	3.7	3.8	3.8	3.7	3.7	3.7	3.7
General industrial machinery	3.0	2.9	2.8	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.1
Electric and electronic equipment	20.2	19.8	19.8	19.9	19.9	20.0	20.3	20.2	20.3	20.6	20.7	20.7	20.6
Electrical industrial apparatus	7.2	7.4	7.3	7.3	7.2	7.2	7.2	7.2	7.1	7.2	7.2	7.2	7.2
Transportation equipment	20.0	20.5	20.5	20.6	19.9	19.8	19.9	19.4	19.5	19.8	19.9	20.2	20.4
Motor vehicles and equipment	13.3	14.0	14.0	14.0	13.3	13.2	13.2	12.8	12.8	13.0	13.1	13.2	13.4
Instruments and related products	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.1	8.0	8.0	8.0	8.0	7.9
Measuring and controlling devices	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.2
Nondurable Goods[c]	65.2	63.7	63.6	64.2	64.6	65.2	66.3	65.9	66.0	65.6	65.8	65.8	85.5
Food and kindred products	7.2	7.3	7.1	7.1	7.3	7.3	7.5	7.4	7.3	7.1	7.1	7.0	7.0
Apparel and other textile products	5.1	5.1	5.2	5.2	5.2	5.2	5.1	5.0	4.9	5.0	5.1	5.0	5.0
Paper and allied products	5.5	5.3	5.3	5.3	5.4	5.5	5.5	5.6	5.6	5.7	5.6	5.5	5.5
Printing and publishing	15.7	15.4	15.3	15.4	15.3	15.5	15.8	15.7	15.8	15.8	16.0	16.3	16.3
Chemicals and allied products	14.2	13.8	13.8	13.9	14.1	14.2	14.6	14.5	14.6	14.4	14.2	14.1	14.1
Rubber and misc. plastics products	11.9	11.5	11.5	11.6	11.8	11.9	12.0	12.0	12.0	12.0	12.1	12.1	11.9

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA, 1984[a] (Continued)
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
NONMANUFACTURING[d]	640.7	618.5	619.2	622.3	632.3	639.1	648.0	648.2	648.6	648.6	653.6	654.1	655.8
CONSTRUCTION	27.6	23.4	23.2	23.1	25.7	27.2	28.7	30.1	30.5	30.5	30.9	29.8	27.8
TRANSPORTATION AND PUBLIC UTILITIES	41.6	41.1	41.0	41.4	41.8	42.2	42.4	41.9	41.8	41.5	41.4	41.2	41.1
Trucking and warehousing	10.8	10.2	10.4	10.5	10.7	10.9	11.0	10.9	10.9	10.8	11.0	11.1	11.3
Communication, electric, gas services	18.9	19.6	19.6	19.6	19.5	19.3	19.1	18.7	18.5	18.4	18.3	18.1	18.0
WHOLESALE TRADE	61.3	59.8	59.9	60.2	60.6	61.0	62.0	61.9	62.0	61.8	61.9	62.0	62.2
Wholesale trade-durable goods	43.1	42.2	42.3	42.5	42.6	42.9	43.6	43.5	43.5	43.3	43.4	43.6	43.6
RETAIL TRADE	140.9	136.2	134.1	135.5	138.0	140.4	142.2	141.7	142.3	143.0	143.0	145.6	149.3
General merchandise stores	21.4	21.7	20.8	20.6	20.7	20.9	21.0	20.5	20.6	21.1	21.5	22.8	24.0
FINANCE, INSURANCE, AND REAL ESTATE	48.5	47.8	48.0	48.0	48.2	48.3	49.0	49.2	49.0	48.8	48.5	48.7	48.8
Banking	13.0	13.4	13.3	13.1	12.9	12.9	13.0	12.9	12.9	12.9	12.8	12.9	12.9
Credit agencies other than banks	7.8	7.6	7.6	7.6	7.6	7.6	7.8	7.9	7.9	7.8	7.8	7.9	7.9
Insurance carriers	11.4	11.2	11.4	11.5	11.4	11.5	11.6	11.6	11.5	11.5	11.2	11.3	11.3
SERVICES	204.3	195.1	196.6	198.0	201.6	203.8	205.9	206.1	207.2	208.5	210.5	209.2	208.9
Business services	40.1	36.2	36.4	36.8	38.5	39.2	40.0	40.6	41.6	41.9	43.3	43.2	44.0
Amusement and recreation services	8.3	6.1	6.1	6.7	7.5	9.0	9.7	10.0	10.5	10.0	8.9	7.8	7.8
Health services	65.8	65.3	65.2	65.4	65.4	65.4	66.0	66.3	66.5	66.5	66.0	66.0	65.9
GOVERNMENT	115.3	113.8	115.1	114.9	115.1	115.0	116.6	116.1	114.6	113.3	116.2	116.3	116.4
Federal government	19.5	19.4	19.4	19.5	19.5	19.5	19.6	19.0	19.6	19.4	19.4	19.6	19.7
State government	7.8	8.0	7.9	8.0	7.9	7.6	8.1	7.5	7.4	7.3	7.9	7.7	8.1
State government education	2.8	3.1	3.0	3.2	3.1	2.8	3.0	2.4	2.3	2.4	3.0	2.8	3.1
State government, except education	5.0	5.0	4.9	4.8	4.9	4.8	5.1	5.1	5.1	5.0	4.9	4.9	5.0
Local government	88.0	86.4	87.7	87.4	87.7	87.9	88.9	89.0	87.6	86.6	89.0	89.0	88.6
Local government education	43.0	42.2	43.6	.43.8	43.9	43.7	43.5	40.6	39.0	42.1	44.4	44.8	44.4
Local government, except education	45.0	44.2	44.1	43.6	43.9	44.2	45.5	48.4	48.5	44.5	44.6	44.2	44.2

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-14-86 RS-790-1-4 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA, 1983[a]
(in thousands)

1.

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	829.8	806.9	807.5	812.1	817.8	825.2	838.0	838.8	833.4	842.6	842.1	844.5	848.2
MANUFACTURING	207.3	204.4	204.7	205.5	205.1	206.0	207.7	206.6	206.7	209.5	209.9	210.6	210.9
Durable Goods[b]	143.9	142.2	142.2	142.6	142.7	143.4	144.5	143.0	142.5	144.8	145.8	146.5	146.5
Primary metal industries	24.1	23.1	23.3	23.5	23.8	23.8	24.1	23.9	24.3	24.7	24.9	24.8	24.7
Blast furnace and basic steel products	12.4	11.6	11.8	12.0	12.1	12.3	12.5	12.7	12.9	12.6	12.6	12.5	12.5
Iron and steel foundries	5.7	5.7	5.6	5.6	5.7	5.5	5.6	5.4	5.6	5.9	6.0	6.0	5.8
Fabricated metal products	31.1	31.0	30.9	30.9	30.7	30.9	31.2	30.4	30.4	31.1	31.5	32.0	32.2
Fabricated structural metal products .	3.6	3.5	3.4	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.6	3.6	3.6
Screw machine products, bolts, etc. ..	4.3	4.2	4.2	4.3	4.4	4.4	4.4	4.3	4.3	4.4	4.4	4.5	4.5
Metal forgings and stampings	10.8	11.1	11.0	10.9	10.7	10.7	10.8	10.0	9.8	10.4	11.0	11.3	11.4
Machinery, except electrical	30.9	31.0	30.3	30.2	30.2	30.7	30.9	31.1	30.7	31.0	31.3	31.5	31.9
Construction and related machinery ...	5.2	4.9[e]	4.8[e]	4.8[e]	4.7[e]	5.3	5.4	5.5	5.5	5.5	5.4	5.4	5.3
Metalworking machinery	10.0	10.5	10.2	10.1	10.1	9.9	9.9	9.9	10.0	9.8	9.9	9.9	10.1
Special industry machinery	3.1	2.8	2.8	2.9	3.0	3.0	2.9	3.0	3.1	3.2	3.3	3.4	3.4
General industrial machinery	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.9	2.9
Electric and electronic equipment	21.3	22.3	22.5	22.5	22.0	21.7	21.4	21.0	20.8	20.7	20.6	20.3	19.8
Electrical industrial apparatus	7.4	7.7	7.7	7.7	7.5	7.4	7.4	7.3	7.3	[illegible]	7.3	7.2	7.3
Transportation equipment	20.3	19.8	20.2	20.4	20.6	20.5	20.8	20.2	19.6	20.3	20.5	20.6	20.6
Motor vehicles and equipment	13.9	13.3	13.8	14.0	14.2	14.2	14.3	13.8	13.3	13.8	14.0	14.1	14.1
Instruments and related products	6.7	5.7	5.7	5.7	6.0	6.2	6.5	6.8	7.0	7.3	7.6	7.8	8.1
Measuring and controlling devices	3.8	3.6	3.6	3.5	3.6	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.0
Nondurable Goods[c]	63.4	62.3	62.4	62.9	62.4	62.6	63.2	63.6	64.2	64.7	64.1	64.2	64.3
Food and kindred products	7.7	7.6	7.5	7.6	7.6	7.6	7.7	7.9	7.9	7.9	7.7	7.7	7.7
Apparel and other textile products	4.9	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.8	4.9	4.9	4.9	5.1
Paper and allied products	4.9	4.7	4.8	4.7	4.8	4.8	4.9	5.0	5.1	5.2	5.1	5.2	5.2
Printing and publishing	15.0	14.5	14.6	14.9	14.8	14.9	15.0	14.9	15.2	15.4	15.3	15.4	15.5
Chemicals and allied products	14.3	14.8	14.7	14.5	14.2	14.2	14.2	14.3	14.4	14.2	14.0	14.0	14.0
Rubber and miscl plastics products	10.8	10.1	10.3	10.6	10.4	10.6	10.7	10.8	10.9	11.3	11.3	11.3	11.3

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA, 1983[a] (Continued)

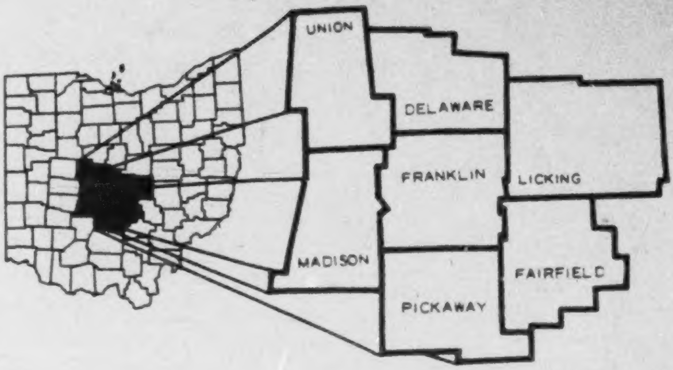
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
NONMANUFACTURING[d]	622.5	602.5	602.8	606.6	612.7	619.1	630.3	631.3	626.8	633.1	632.2	633.9	637.3
CONSTRUCTION	25.3	20.9	20.6	21.4	22.7	24.5	26.4	27.8	28.4	28.6	28.5	27.8	26.3
TRANSPORTATION AND PUBLIC UTILITIES	40.9	40.4	40.1	40.4	41.1	41.3	41.9	41.9	36.7	41.9	41.7	41.4	42.0
Trucking and warehousing	10.1	9.5	9.6	9.7	9.8	10.0	10.4	10.3	10.4	10.4	10.2	10.4	10.7
Communication, electric, gas services	19.4	20.2	20.1	20.1	20.1	19.9	19.9	19.7	14.6[e]	19.6	19.5	19.4	19.5
WHOLESALE TRADE	58.9	57.7	57.4	57.7	57.8	58.1	58.8	59.4	59.7	59.7	59.9	60.0	60.4
Wholesale trade-durable goods	41.3	40.6	40.4	40.5	40.6	40.7	41.2	41.6	41.8	41.8	41.9	42.2	42.5
RETAIL TRADE	135.9	131.5	129.4	129.9	132.4	134.2	136.1	137.6	137.7	138.5	138.6	140.7	144.2
General merchandise stores	21.1	21.3	20.3	20.3	20.4	20.4	20.5	20.7	20.4	21.0	21.4	22.6	23.9
FINANCE, INSURANCE, AND REAL ESTATE	48.4	48.1	48.1	48.0	48.2	48.5	49.0	49.1	49.3	48.7	48.2	48.0	48.1
Banking	13.5	13.6	13.5	13.5	13.5	13.5	13.6	13.6	13.6	13.4	13.3	13.4	13.4
Credit agencies other than banks	7.4	7.2	7.3	7.3	7.3	7.4	7.5	7.4	7.6	7.5	7.5	7.5	7.6
Insurance carriers	11.8	11.9	11.9	11.9	11.9	12.0	12.0	12.0	11.9	11.8	11.6	11.4	11.4
SERVICES	195.7	188.9	190.1	191.4	193.4	194.7	196.7	197.4	197.4	200.4	199.9	199.4	199.0
Business services	34.1	31.0	31.2	31.9	32.4	33.0	33.8	34.7	35.5	36.0	36.3	36.4	36.8
Amusement and recreation services	7.9	6.0	6.0	6.2	7.2	8.2	8.9	9.7	10.0	9.7	8.1	7.4	7.3
Health services	65.4	65.1	64.9	65.1	64.8	65.0	65.5	66.1	66.2	66.1	65.4	65.2	65.2
GOVERNMENT	116.1	113.8	115.9	116.7	116.0	116.8	120.2	117.9	116.4	114.1	114.3	115.3	116.1
Federal government	19.4	19.2	19.2	19.3	19.2	19.2	19.3	19.7	19.5	19.4	19.4	19.4	19.5
State government	7.9	8.1	8.1	8.1	8.2	7.7	8.1	7.5	7.4	7.3	7.9	8.0	8.2
State government education[f]	2.8	3.1	3.0	3.1	3.2	2.7	2.9	2.3	2.2	2.3	2.9	3.1	3.1
State government, except education	5.1	5.1	5.0	5.0	5.0	5.0	5.2	5.2	5.2	5.0	4.9	4.9	5.1
Local government	88.9	86.4	88.6	89.2	88.6	89.9	92.8	90.7	89.5	87.3	87.0	87.9	88.4
Local government education	42.9	42.1	44.3	44.6	44.1	44.7	44.3	39.5	38.6	41.7	42.9	43.8	44.2
Local government, except education	46.0	44.3	44.3	44.7	44.5	45.2	48.6	51.2	50.9	45.7	44.2	44.1	44.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-27-86 RS-790-1-4 (1983)

COLUMBUS
METROPOLITAN STATISTICAL AREA

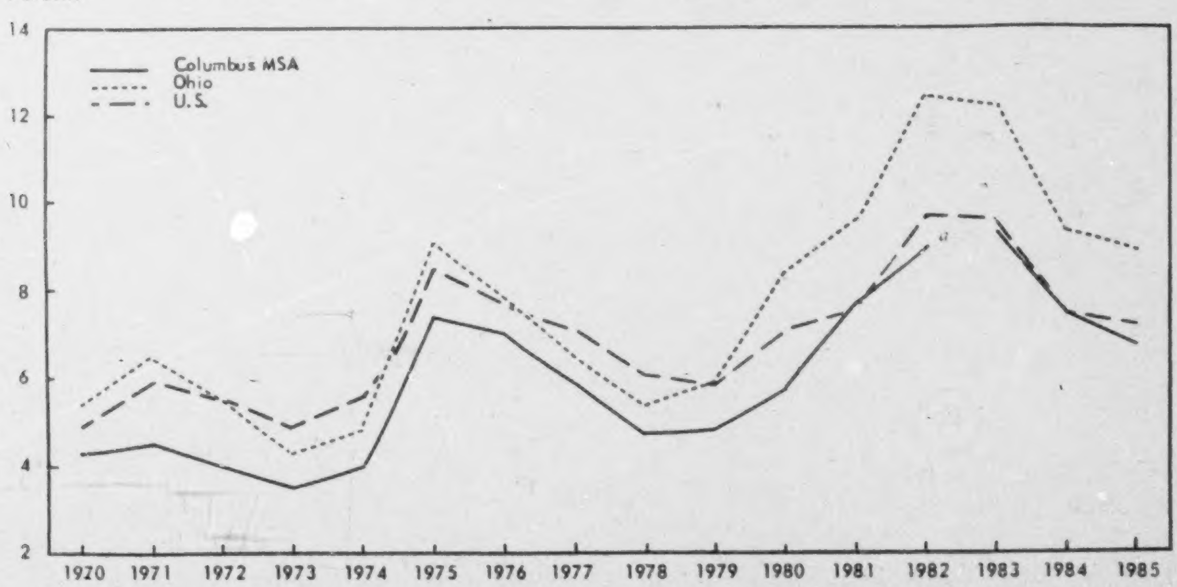


The estimated annual average civilian labor force in the Columbus MSA, based on place of residence, rose 16,900 from 1984 to 650,400 in 1985. Total employment increased 22,400 over the year; unemployment dropped 5,500 to a 1985 total of 43,700. The unemployment rate declined from 7.8 percent in 1984 to 6.7 percent in 1985 (see table, page 85).

Nonagricultural wage and salary employment in the Columbus area increased 5.2 percent from 1984, to 606,500 in 1985, compared with the 2.8 percent statewide improvement. The more rapid recovery in the Columbus area was due to the fact that it has a greater concentration of nonmanufacturing, high-growth industries than other areas in the state.

Most manufacturing industries improved in 1984 and continued to recover in 1985, including durable goods, which declined during the 1979-1983 period. However, in the nonelectrical machinery and electric and electronic equipment industries, there was a slight drop in employment from 1984. The employment in most nonmanufacturing industries, especially services, finance, insurance, and real estate, and government, continued to rise in 1985 (see table, page 85).

COLUMBUS MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



[a] Metropolitan area definition changed effective with data for 1983. Prior data are not strictly comparable.

CIVILIAN LABOR FORCE ESTIMATES (Absolute data in thousands)

Columbus Metropolitan Statistical Area[a]

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Columbus	Ohio	U.S.
1970	433.7	415.2	18.4	4.3	5.4	4.9
1971	445.6	425.6	20.0	4.5	6.5	5.9
1972	469.1	450.2	18.9	4.0	5.5	5.6
1973	485.5	468.3	17.1	3.5	4.3	4.9
1974	495.4	475.5	19.9	4.0	4.8	5.6
1975	495.0	458.6	36.5	7.4	9.1	8.5
1976	503.6	468.5	35.1	7.0	7.8	7.7
1977	513.4	483.3	30.1	5.9	6.5	7.1
1978	531.4	506.5	24.9	4.7	5.4	6.1
1979	543.0	517.1	25.8	4.8	5.9	5.8
1980	554.7	523.4	31.4	5.7	8.4	7.1
1981	562.4	519.1	43.3	7.7	9.6	7.6
1982	567.4	516.4	51.0	9.0	12.5	9.7
1983	647.7	587.4	60.3	9.3	12.2	9.6
1984	633.5	584.3	49.2	7.8	9.4	7.5
1985	650.4	606.7	43.7	6.7	8.9	7.2

[a] These data are estimates based on place of residence.

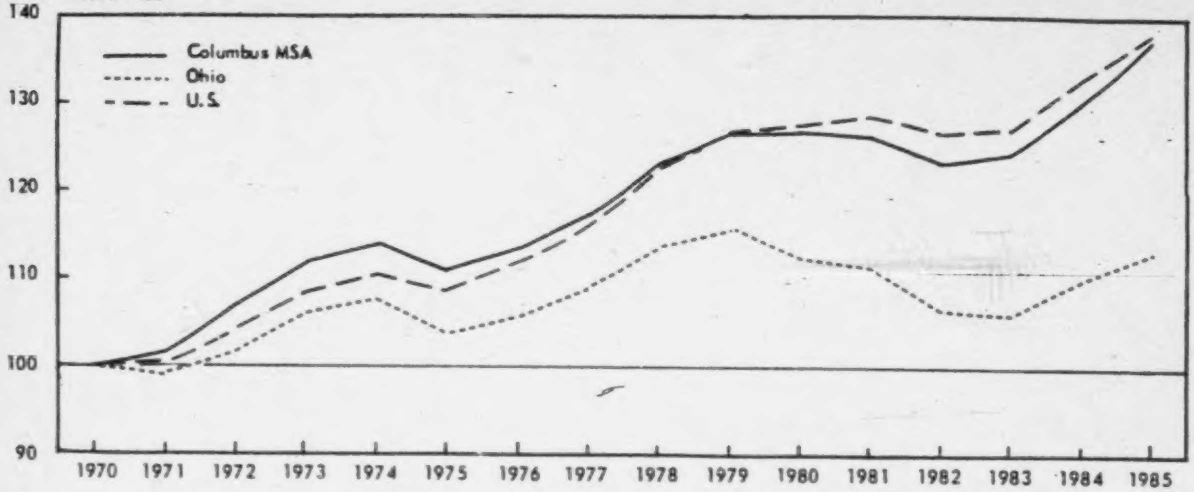
[b] Unemployment as percentage of civilian labor force.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES IN THE COLUMBUS METROPOLITAN STATISTICAL AREA
1979, 1983, and 1985

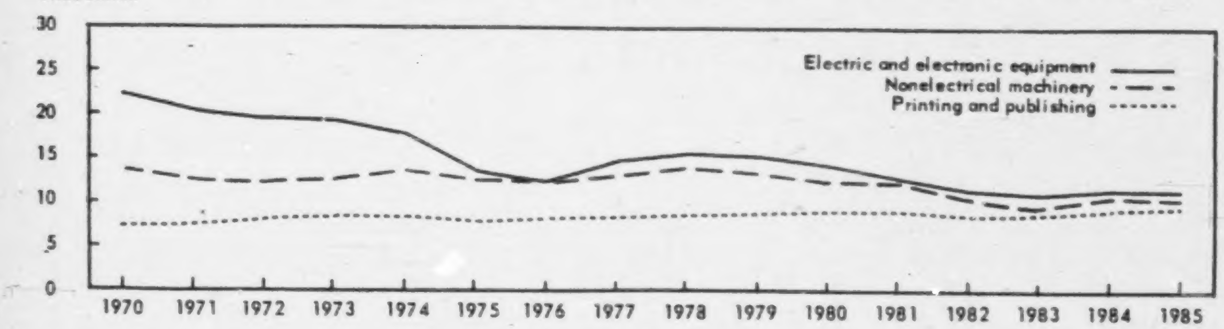
Industry	Employment (in thousands) 1979	1983	1985	Employment Change 1979-1983	1983-1985	Percent Recovery Columbus	Ohio
TOTAL	558.5	548.5	606.5	-10.0	58.0	580.0	72.9
MANUFACTURING	117.8	98.7	105.9	-19.1	7.2	37.7	18.1
Durable Goods	79.1	63.5	70.3	-15.6	6.8	43.6	17.7
Fabricated metal products	13.0	9.9	10.6	-3.1	0.7	22.6	20.1
Machinery, except electrical	13.2	9.5	10.5	-3.7	1.0	27.0	17.2
Electric and electronic equipment	15.5	11.1	11.5	-4.4	0.4	9.1	3.9
Nondurable Goods	38.7	35.2	35.7	-3.5	0.5	14.3	19.5
Food and kindred products	11.0	10.3	9.7	-0.7	-0.6	-	-
Printing and publishing	8.9	8.9	9.5	0.0	0.6	+	79.2
CONSTRUCTION	23.0	16.8	21.5	-6.2	4.7	75.8	44.7
TRANSPORTATION AND PUBLIC UTILITIES	27.3	24.7	25.9	-2.6	1.2	46.2	11.9
Communication, electric, gas services	11.7	11.7	11.3	0.0	-0.4	-	-
WHOLESALE TRADE	28.8	29.0	33.3	0.2	4.3	+	233.0
RETAIL TRADE	101.4	102.9	119.3	1.5	16.4	+	251.0
FINANCE, INSURANCE, AND REAL ESTATE	38.3	45.0	49.1	6.7	4.1	+	+
Insurance carriers	16.9	18.8	19.4	1.9	0.6	+	+
SERVICES	108.7	119.6	138.3	10.9	18.7	+	+
GOVERNMENT	111.9	110.5	112.1	-1.4	1.6	114.3	48.0
Federal government	14.6	14.3	15.1	-0.3	0.8	266.7	155.0
State government	48.8	48.8	49.0	0.0	0.2	+	+
Local government	48.5	47.4	47.9	-1.1	0.5	45.5	16.1

+ No downturn, 1979-1983
- No upturn, 1983-1985

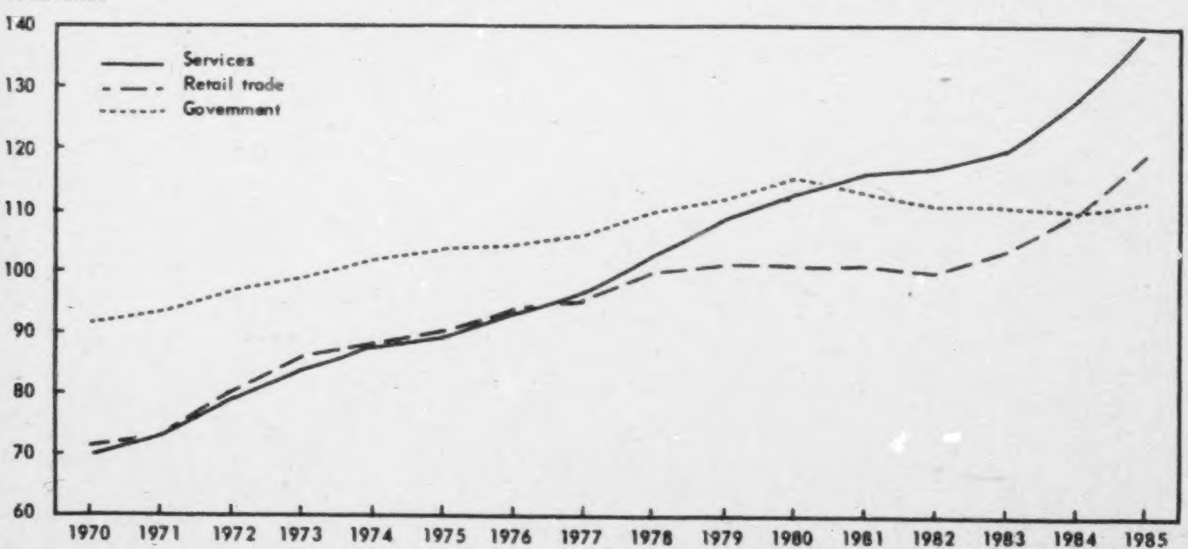
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



COLUMBUS MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)

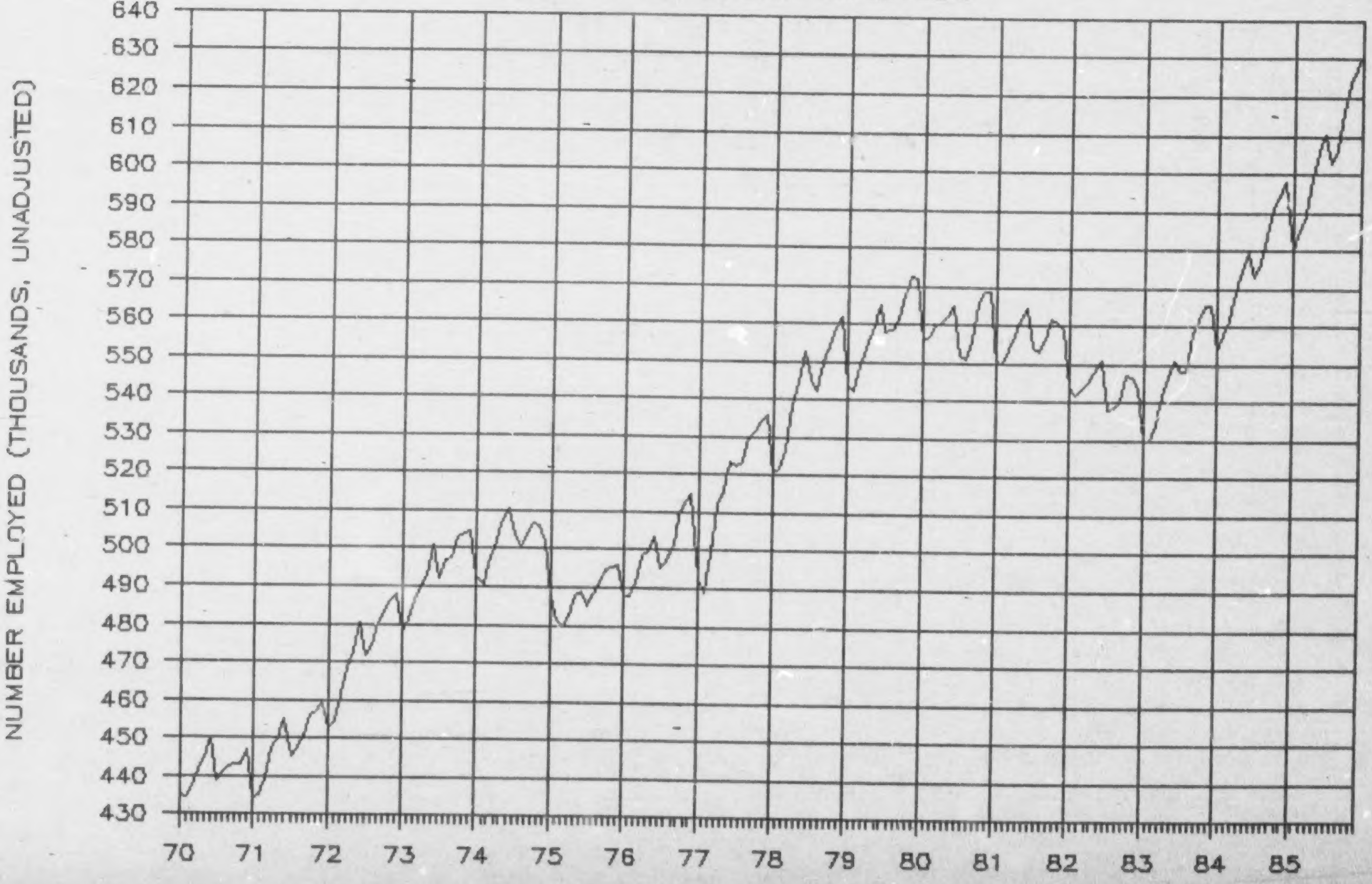


COLUMBUS MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)



COLUMBUS MSA

TOTAL NONAGRICULTURAL EMPLOYMENT



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA, 1985[a]

(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	606.5	580.2	584.1	589.5	599.1	606.3	610.1	602.6	606.5	616.4	623.9	627.4	631.4
MANUFACTURING	105.9	105.3	105.4	105.2	105.2	105.7	105.9	105.4	105.9	106.8	106.7	106.8	107.1
Durable Goods[b]	70.3	69.9	70.1	69.9	69.8	70.0	70.2	69.7	70.1	70.9	70.8	70.9	71.0
Stone, clay, and glass products	11.8	11.9	11.9	11.8	11.8	11.7	11.6	11.4	11.8	12.1	12.0	12.0	11.4
Glass and glassware, pressed or blown	4.7	5.1	5.1	4.9	5.0	4.9	4.6	4.3	4.6	4.8	4.6	4.6	4.2
Fabricated metal products	10.6	10.8	10.8	10.8	10.7	10.8	10.7	10.4	10.4	10.4	10.4	10.4	10.3
Fabricated structural metal products	3.2	3.2	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0
Machinery, except electrical	10.5	10.8	10.8	10.8	10.7	10.5	10.5	10.3	10.2	10.2	10.1	10.3	10.3
Electric and electronic equipment	11.5	12.0	12.0	12.0	11.7	11.6	11.6	11.5	11.2	11.2	11.1	11.1	11.1
Transportation equipment	14.5	13.0	13.2	13.2	13.5	14.1	14.4	14.6	15.0	15.4	15.7	15.7	16.2
Instruments and related products	4.2	4.2	4.3	4.2	4.2	4.1	4.2	4.2	4.2	4.2	4.2	4.3	4.5
Nondurable Goods[c]	35.7	35.3	35.3	35.3	35.4	35.7	35.8	35.7	35.8	35.9	35.8	35.9	36.1
Food and kindred products	9.7	9.7	9.8	9.8	9.8	9.9	9.9	9.9	9.7	9.6	9.6	9.6	9.7
Printing and publishing	9.5	9.3	9.3	9.2	9.3	9.4	9.4	9.4	9.6	9.7	9.7	9.8	9.8
Chemicals and allied products	6.9	6.9	6.9	6.9	7.0	6.9	7.0	7.0	6.9	6.9	6.8	6.7	6.8
Rubber and misc. plastics products	5.1	5.1	5.0	5.0	5.0	5.1	5.0	5.0	5.1	5.1	5.2	5.3	5.3
NONMANUFACTURING[d]	500.5	475.0	478.7	484.3	493.9	500.6	504.1	497.2	500.6	509.6	517.3	520.7	524.3
CONSTRUCTION	21.5	18.2	17.4	18.6	20.4	21.6	22.2	22.9	23.7	24.0	23.9	23.2	22.0
TRANSPORTATION AND PUBLIC UTILITIES	25.9	25.7	25.9	25.8	25.8	25.8	25.8	25.6	25.8	26.1	26.2	26.2	26.3
Trucking and warehousing	10.6	10.5	10.6	10.5	10.4	10.3	10.4	10.2	10.4	10.6	10.9	11.0	11.2
Communication, electric, gas services	11.3	11.5	11.5	11.4	11.4	11.4	11.4	11.3	11.3	11.3	11.1	11.1	11.1
WHOLESALE TRADE	33.3	32.1	32.4	32.7	32.9	33.2	33.3	33.5	33.6	33.9	34.1	34.2	34.2
Wholesale trade-durable goods	22.2	21.1	21.3	21.7	21.8	22.1	22.2	22.4	22.4	22.6	22.7	22.8	22.9

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA, 1985[a] (Continued)
(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
RETAIL TRADE	119.3	111.9	110.6	112.5	115.8	118.8	119.5	119.6	121.4	122.9	123.5	126.2	129.4
General merchandise stores	16.1	16.4	15.4	15.5	15.4	15.7	15.6	15.5	15.7	15.8	16.0	17.2	18.7
FINANCE, INSURANCE, AND REAL ESTATE	49.1	47.6	47.8	48.1	48.3	48.6	49.1	49.7	50.0	49.9	49.7	50.1	50.3
Banking	10.6	10.1	10.1	10.2	10.4	10.4	10.5	10.7	10.9	10.9	10.9	11.0	11.1
Insurance carriers	19.4	18.9	19.0	19.1	19.2	19.3	19.4	19.5	19.5	19.5	19.5	19.7	19.7
SERVICES	138.3	129.0	130.2	131.6	135.6	137.9	138.6	140.3	140.5	142.4	144.0	144.4	144.4
Business services	30.4	27.8	28.0	28.5	29.4	30.0	30.0	30.7	31.3	31.8	32.1	32.2	32.4
Health services	35.8	35.0	35.0	35.1	35.4	35.7	36.0	36.0	36.0	36.1	36.1	36.3	36.5
GOVERNMENT	112.1	109.3	113.4	114.2	114.0	113.7	114.6	104.5	104.6	109.4	114.9	115.5	116.7
Federal government	15.1	14.8	14.8	14.9	15.2	15.1	15.3	15.3	15.3	15.1	15.1	15.3	15.4
State government	49.0	45.8	50.0	50.6	50.4	50.1	50.8	44.9	45.7	46.2	50.6	51.0	51.8
State government education[f]	20.6	17.9	21.9	22.3	21.9	21.8	22.0	16.2	16.9	17.7	22.3	22.6	23.2
State government, except education	28.4	27.9	28.1	28.3	28.5	28.3	28.8	28.7	28.7	28.4	28.3	28.4	28.6
Local government	47.9	48.7	48.5	48.7	48.4	48.5	48.5	44.3	43.6	48.2	49.2	49.2	49.4
Local government education	28.2	29.1	29.1	29.3	29.1	29.2	28.5	24.0	23.7	28.4	29.3	29.5	29.7
Local government, except education	19.7	19.6	19.4	19.4	19.3	19.3	20.0	20.2	20.0	19.8	19.8	19.7	19.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes. [f] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education.

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$10.83	$10.64	$10.80	$10.85	$10.80	$10.71	$10.77	$10.77	$10.77	$10.90	$10.86	$10.95	$11.08
Durable Goods[b]	11.25	11.00	11.19	11.29	11.26	11.13	11.21	11.20	11.17	11.34	11.27	11.35	11.52
Stone, clay, and glass products	11.62	11.60	11.57	11.42	11.72	11.24	11.83	11.77	11.65	11.61	11.69	11.66	11.73
Glass and glassware, pressed or blown	11.06	11.32	11.18	10.95	11.27	10.82	11.12	10.84	10.83	10.83	11.13	11.14	11.25
Fabricated metal products	12.23	11.85	12.39	12.26	12.53	12.28	12.04	12.30	11.87	12.16	12.16	12.31	12.57
Fabricated structural metal products	9.88	9.53	9.82	9.80	9.70	9.79	10.09	10.02	9.79	9.87	9.98	10.01	10.20
Machinery, except electrical	10.06	10.08	9.95	10.03	10.01	9.95	9.91	10.11	10.02	10.12	10.16	10.08	10.28
Electric and electronic equipment	11.00	10.78	10.95	11.06	11.03	10.88	10.95	10.92	11.04	11.08	10.87	11.12	11.35
Transportation equipment	12.32	11.97	12.21	12.73	12.17	12.24	12.34	12.02	12.25	12.52	12.24	12.40	12.65
Instruments and related products	9.33	8.95	8.92	9.40	9.48	9.32	9.32	9.43	9.24	9.30	9.43	9.49	9.51
Nondurable Goods[c]	9.87	9.78	9.92	9.81	9.74	9.74	9.78	9.82	9.86	9.92	9.94	10.04	10.10
Food and kindred products	9.65	9.54	9.59	9.57	9.49	9.58	9.61	9.58	9.73	9.96	9.75	9.73	9.71
Printing and publishing	11.85	11.52	11.60	11.75	11.70	11.73	11.76	11.82	11.87	11.92	12.05	12.15	12.18
Chemicals and allied products	11.41	11.26	11.45	11.35	11.17	11.16	11.13	11.20	11.38	11.42	11.69	11.84	11.84
Rubber and misc. plastics products	7.82	8.05	7.80	7.77	7.76	7.77	7.78	7.92	7.90	7.88	7.78	7.65	7.77
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services	13.03	12.59	12.89	12.69	12.76	12.79	12.82	12.98	13.34	13.38	13.30	13.54	13.37
WHOLESALE TRADE	7.70	7.62	7.55	7.63	7.64	7.63	7.59	7.72	7.71	7.76	7.73	7.83	7.93
RETAIL TRADE[d]	5.75	5.71	5.66	5.77	5.82	5.73	5.68	5.67	5.66	5.77	5.85	5.83	5.83
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Banking	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	40.9	40.3	37.9	41.7	40.9	40.5	41.1	40.8	40.9	41.7	41.0	41.7	41.8
Durable Goods[b]	40.9	40.3	37.6	42.1	40.8	40.5	41.2	40.9	40.9	41.8	41.0	41.7	42.0
Stone, clay, and glass products	40.5	39.9	37.0	40.1	40.5	40.1	41.9	42.1	41.2	41.4	40.7	41.2	39.9
Glass and glassware, pressed or blown	39.1	37.9	37.0	39.3	38.8	39.0	40.2	39.5	39.7	40.9	39.7	39.6	37.8
Fabricated metal products	40.5	40.4	37.8	40.5	41.6	40.3	40.0	41.0	40.1	40.8	40.6	40.8	42.2
Fabricated structural metal products	39.3	40.5	35.7	38.8	38.1	38.6	39.7	40.1	39.5	39.6	39.0	40.4	41.6
Machinery, except electrical	40.3	41.1	37.7	40.8	39.9	39.4	40.0	41.3	40.5	40.5	40.5	40.4	41.2
Electric and electronic equipment	41.3	40.8	38.3	43.3	41.5	40.7	41.4	41.4	41.6	41.5	40.7	42.1	42.4
Transportation equipment	42.6	41.7	39.5	45.3	41.7	42.2	42.9	40.3	41.5	44.7	43.2	44.2	43.9
Instruments and related products	39.9	38.1	33.5	41.7	40.9	39.6	39.9	38.5	40.5	41.3	40.4	41.6	42.4
Nondurable Goods[c]	40.7	40.2	38.6	40.8	41.0	40.3	41.0	40.6	40.8	41.6	41.0	41.6	41.2
Food and kindred products	40.2	38.3	38.0	39.8	39.5	40.9	40.9	40.7	40.2	41.8	40.6	40.9	40.5
Printing and publishing	39.5	38.3	39.6	39.0	40.5	38.9	39.4	39.5	39.3	39.3	39.4	40.5	40.7
Chemicals and allied products	42.5	42.8	42.2	43.1	42.3	41.8	43.2	41.9	41.9	41.5	42.4	43.8	43.3
Rubber and misc. plastics products	41.3	41.8	36.5	42.2	42.7	39.7	40.4	40.7	42.5	43.7	42.2	42.6	40.6
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	40.7	39.9	40.6	40.1	40.6	40.2	40.4	41.2	40.5	41.1	40.6	41.7	41.1
WHOLESALE TRADE	38.5	38.7	38.4	38.9	38.8	38.7	38.4	38.4	38.2	38.4	38.3	38.7	38.7
RETAIL TRADE	29.0	28.0	26.9	28.0	27.9	29.2	29.5	30.1	30.3	29.5	29.2	29.2	29.9
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-3-5 (1985)

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$442.95	$428.79	$409.32	$452.45	$441.72	$433.76	$442.65	$439.42	$440.49	$454.53	$445.26	$456.62	$463.14
Durable Goods[b]	460.13	443.30	420.74	475.31	459.41	450.77	461.85	458.08	456.85	474.01	462.07	473.30	483.84
Stone, clay, and glass products	470.61	462.84	428.09	457.94	474.66	450.72	495.68	495.52	479.98	480.65	475.78	480.39	468.03
Glass and glassware, pressed or blown	432.45	429.03	413.66	430.34	437.28	421.98	447.02	428.18	429.95	442.95	441.86	441.14	425.25
Fabricated metal products	495.32	478.74	468.34	496.53	521.25	494.88	481.60	504.30	475.99	496.13	493.70	502.25	530.45
Fabricated structural metal products	388.28	385.97	350.57	380.24	369.57	377.89	400.57	401.80	386.71	390.85	389.22	404.40	424.32
Machinery, except electrical	405.42	414.29	375.12	409.22	399.40	392.03	396.40	417.54	405.81	409.86	411.48	407.23	423.54
Electric and electronic equipment	454.30	439.82	419.39	478.90	457.75	442.82	453.33	452.09	459.26	459.82	442.41	468.15	481.24
Transportation equipment	524.83	499.15	482.30	576.67	507.49	516.53	529.39	484.41	508.38	559.64	528.77	548.08	555.34
Instruments and related products	372.27	341.00	298.82	391.98	387.73	369.07	371.87	363.06	374.22	384.09	380.97	394.78	403.22
Nondurable Goods[c]	401.71	393.16	382.91	400.25	399.34	392.52	400.98	398.69	402.29	412.67	407.54	417.66	416.12
Food and kindred products	387.93	365.38	364.42	380.89	374.86	391.82	393.05	389.91	391.15	416.33	395.85	397.96	393.26
Printing and publishing	468.08	441.22	459.36	458.25	473.85	456.30	463.34	466.89	466.49	468.46	474.77	492.08	495.73
Chemicals and allied products	484.93	481.93	483.19	489.19	472.49	466.49	480.82	469.28	476.82	473.93	495.66	518.59	512.67
Rubber and misc. plastics products	322.97	336.49	284.70	327.89	331.35	308.47	314.31	322.34	335.75	344.36	328.32	325.89	315.46
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services	530.32	502.34	523.33	508.87	518.06	514.16	517.93	534.78	540.27	549.92	539.98	564.62	549.51
WHOLESALE TRADE	296.45	294.89	289.92	296.81	296.43	295.28	291.46	296.45	294.52	297.98	296.06	303.02	306.89
RETAIL TRADE[d]	166.75	159.88	152.25	161.56	162.38	167.32	167.56	170.67	171.50	170.22	170.82	170.24	174.32
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	......	......	......	......	......	......	......	......	......	......
Banking	238.05	233.84	231.30	232.04	243.82	247.31	236.41	237.09	236.91	238.06	237.92	239.31	241.53

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Estimates are based on the new metropolitan statistical area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-2-5 (1985)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA, 1984[a]

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	576.4	553.7	558.3	561.8	569.6	574.6	579.7	573.3	577.0	584.0	591.0	595.5	598.1
MANUFACTURING	104.7	101.5	102.2	102.9	104.0	104.3	105.3	105.7	106.2	106.7	105.9	106.0	106.2
Durable Goods[b]	69.0	66.2	66.8	67.4	68.5	68.5[e]	69.2	69.6	70.2	70.8	70.2	70.2	70.3
Stone, clay, and glass products	12.4	12.0	12.1	12.2	12.3	12.4	12.5	12.3	12.6	12.5	12.7	12.5	12.4
Glass and glassware, pressed or blown	5.2	5.1	5.2	5.3	5.2	5.3	5.3	5.1	5.3	5.3	5.3	5.2	5.2
Fabricated metal products	10.6	10.4	10.5	10.5	10.5	10.5	10.5	10.6	10.6	10.0	10.4	10.7	10.7
Fabricated structural metal products	3.1	3.0	3.0	2.9	3.0	3.0	3.1	3.2	3.2	3.2	3.1	3.1	3.1
Machinery, except electrical	10.8	10.2	10.4	10.4	10.6	10.8	10.9	10.9	11.1	11.1	11.1	10.9	10.9
Electric and electronic equipment	11.7	11.3	11.4	11.3	11.6	11.7	11.8	11.9	12.0	12.1	12.0	12.0	12.0
Transportation equipment	12.8	12.3	12.4	12.5	12.7	13.0	13.1	13.0	13.0	13.0	12.9	12.8	13.0
Instruments and related products	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.2	4.3
Nondurable Goods[c]	35.7	35.3	35.4	35.5	35.5	35.8	36.1	36.1	36.0	35.9	35.8	35.8	35.9
Food and kindred products	10.1	10.1	10.1	10.2	10.1	10.1	10.2	10.2	10.1	10.0	9.9	9.8	9.9
Printing and publishing	9.0	9.0	9.0	9.0	8.9	9.0	9.0	9.0	9.0	9.0	9.1	9.2	9.2
Chemicals and allied products	6.8	6.7	6.7	6.8	6.8	6.8	6.9	6.9	7.0	6.9	6.8	6.8	6.8
Rubber and misc. plastics products	5.1	4.8	4.8	4.8	4.9	5.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2
NONMANUFACTURING[d]	471.6	452.2	456.1	458.9	465.6	470.3	474.4	467.5	470.8	477.3	485.0	489.4	492.0
CONSTRUCTION	19.2	16.0	16.0	16.1	17.7	18.9	20.0	20.9	21.4	21.3	21.2	20.9	20.3
TRANSPORTATION AND PUBLIC UTILITIES	26.1	25.4	25.8	25.8	25.8	26.0	26.0	25.9	26.2	26.3	26.6	26.4	26.5
Trucking and warehousing	10.4	9.5	9.9	9.9	9.9	10.1	10.2	10.3	10.6	10.7	11.0	11.0	11.4
Communication, electric, gas services	11.9	12.2	12.2	12.2	12.2	12.1	11.9	11.7	11.7	11.6	11.6	11.4	11.3
WHOLESALE TRADE	31.2	29.8	30.0	30.2	30.5	30.8	31.0	31.5	31.7	32.0	32.1	32.3	32.4
Wholesale trade-durable goods	20.2	19.4	19.5	19.7	19.7	19.9	20.0	20.4	20.5	20.8	20.8	21.0	21.1

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA, 1984[a]

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
RETAIL TRADE	110.1	104.7	104.0	104.6	107.0	108.8	109.6	109.2	110.7	112.3	113.7	117.0	119.2
General merchandise stores	15.8	15.8	15.2	15.0	15.0	15.0	15.2	15.0	15.2	15.5	16.2	18.0	18.8
FINANCE, INSURANCE, AND REAL ESTATE	46.7	45.4	45.7	45.8	46.0	46.2	46.8	47.2	47.5	47.4	47.4	47.6	47.8
Banking	9.7	9.5	9.5	9.5	9.6	9.5	9.6	9.8	9.9	10.1	9.9	10.0	10.1
Insurance carriers	18.9	18.8	18.8	18.9	18.8	18.8	19.0	19.0	18.9	18.9	18.8	18.9	18.9
SERVICES	127.5	120.3	121.8	123.1	125.1	126.8	129.2	129.9	130.0	130.6	130.7	131.2	130.8
Business services	25.7	23.3	23.6	24.0	24.5	24.9	25.6	26.4	26.9	27.2	27.0	27.2	27.3
Health services	34.2	33.2	33.4	33.4	33.7	33.9	34.3	34.4	34.4	34.6	34.8	34.9	35.1
GOVERNMENT	109.8	109.5	111.8	112.2	112.3	111.7	110.6	101.9	102.2	106.4	112.3	113.0	113.9
Federal government	14.6	14.2	14.3	14.3	14.3	14.3	14.7	14.7	14.7	14.8	14.8	15.0	15.0
State government	48.5	47.6	50.0	50.2	50.1	49.4	50.2	44.2	44.9	45.3	49.6	49.7	50.4
State government education[f]	20.1	19.1	21.2	21.6	21.3	21.2	21.7	16.0	16.5	17.4	21.7	21.7	22.4
State government, except education ...	28.3	28.5	28.8	28.6	28.8	28.3	28.5	28.3	28.4	27.9	27.9	28.0	28.1
Local government	46.7	47.7	47.5	47.6	47.9	48.0	45.7	43.0	42.6	46.2	47.9	48.4	48.4
Local government education	27.2	28.2	28.2	28.3	28.5	28.5	25.5	22.5	22.8	27.0	28.6	29.0	29.1
Local government, except education ...	19.6	19.4	19.3	19.3	19.5	19.5	20.1	20.5	19.8	19.3	19.4	19.3	19.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes. [f] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-17-86 RS-790-1-5 (1984)

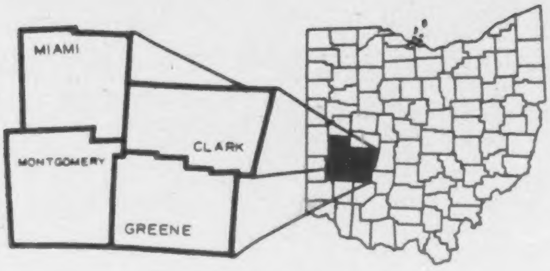
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA, 1983[a]
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	548.5	530.1	530.1	534.4	541.6	546.6	551.2	548.5	548.2	558.1	561.9	565.5	565.6
MANUFACTURING	98.7	95.9	96.2	96.5	97.4	97.7	98.3	98.7	99.8	100.7	100.9	101.6	101.2
Durable Goods[b]	63.5	60.8	61.3	61.4	62.3	62.7	63.0	63.5	64.6	65.3	65.4	66.2	65.8
Stone, clay, and glass products	12.6	12.3	12.3	12.2	12.6	12.6	12.9	12.6	13.0	13.0	12.9	13.0	12.3
Glass and glassware, pressed or blown.	5.6	5.7	5.9	5.9	5.8	5.8	5.8	5.4	5.6	5.7	5.6	5.6	4.9
Fabricated metal products	9.9	9.1	9.4	9.6	9.8	9.9	9.8	9.9	10.0	10.1	10.1	10.2	10.2
Fabricated structural metal products .	3.1	3.2	3.1	3.1	3.1	3.0	3.0	3.1	3.1	3.1	3.0	3.0	3.0
Machinery, except electrical	9.5	9.4	9.3	9.3	9.3	9.3	9.3	9.4	9.5	9.6	9.7	9.8	9.9
Electric and electronic equipment	11.1	11.0	10.9	11.0	10.9	10.9	10.8	11.0	11.1	11.3	11.4	11.5	11.3
Transportation equipment	10.9	9.8	10.0	10.1	10.4	10.6	10.9	11.2	11.3	11.6	11.6	11.9	12.1
Instruments and related products	3.8	3.8	3.8	3.8	3.8	3.7	3.8	3.9	3.9	3.9	3.9	3.9	4.0
Nondurable Goods[c]	35.2	35.1	34.9	35.1	35.0	35.0	35.4	35.2	35.2	35.5	35.6	35.4	35.3
Food and kindred products	10.3	10.3	10.3	10.5	10.5	10.3	10.4	10.2	10.3	10.3	10.2	10.1	10.2
Printing and publishing	8.9	8.8	8.8	8.8	8.8	8.8	8.7	8.9	8.8	8.8	9.1	9.0	9.1
Chemicals and allied products	6.9	6.9	6.9	7.0	7.0	7.0	7.0	6.9	6.8	6.7	6.7	6.7	6.7
Rubber and misc. plastics products	4.4	4.2	4.2	4.2	4.1	4.1	4.3	4.4	4.5	4.7	4.6	4.6	4.7
NONMANUFACTURING[d]	449.7	434.2	434.0	437.8	444.2	448.9	452.9	449.8	448.4	457.4	460.9	463.9	464.4
CONSTRUCTION	16.8	13.9	13.5	14.3	15.0	16.1	17.3	18.2	18.8	19.1	19.1	18.9	17.9
TRANSPORTATION AND PUBLIC UTILITIES	24.7	24.2	24.1	24.3	24.5	24.7	25.0	25.1	22.4	25.5	25.4	25.5	25.8
Trucking and warehousing	9.2	8.5	8.6	8.7	8.9	9.0	9.2	9.3	9.4	9.6	9.5	9.6	9.9
Communication, electric, gas services	11.7	11.9	11.9	11.9	11.9	11.9	12.0	11.9	9.2[e]	12.0	12.0	12.1	12.1
WHOLESALE TRADE	29.0	28.1	28.1	28.2	28.6	28.8	29.0	29.1	29.3	29.5	29.8	29.8	29.8
Wholesale trade—durable goods	18.7	18.1	18.0	18.1	18.3	18.4	18.6	18.7	18.9	19.1	19.3	19.3	19.3
RETAIL TRADE	102.9	98.5	96.2	97.4	100.4	102.4	103.0	103.1	104.2	105.8	105.9	108.5	109.9
General merchandise stores	15.3	15.8	14.5	14.6	14.6	14.7	14.6	14.8	15.1	15.2	15.2	16.5	17.4
FINANCE, INSURANCE, AND REAL ESTATE	45.0	43.8	44.1	44.2	44.4	44.7	45.3	45.7	45.8	45.8	45.5	45.5	45.8
Banking	9.2	9.2	9.2	9.1	9.1	9.1	9.2	9.3	9.3	9.4	9.3	9.3	9.3
Insurance carriers	18.8	18.7	18.7	18.7	18.7	18.8	18.9	18.8	18.8	18.7	18.8	18.9	19.0
SERVICES	119.6	114.2	115.0	116.3	118.3	119.4	121.2	121.2	121.3	122.5	122.2	122.4	121.6
Business services	22.2	20.5	20.8	21.0	21.4	21.8	22.4	22.7	22.9	23.1	23.3	23.2	23.6
Health services	33.2	32.7	32.7	32.9	33.0	33.0	33.2	33.3	33.4	33.4	33.4	33.4	33.4
GOVERNMENT	110.5	110.5	111.8	112.1	112.0	111.7	111.0	106.4	105.5	108.0	111.9	112.3	112.6
Federal government	14.3	14.2	14.1	14.2	14.2	14.2	14.4	14.4	14.3	14.3	14.3	14.4	14.3
State government	48.8	49.2	50.1	50.3	50.5	49.8	49.4	45.2	44.8	45.9	49.9	50.0	50.5
State government education[f]	19.7	19.7	20.7	20.8	21.2	20.6	20.3	15.8	15.7	17.1	21.2	21.3	21.8
State government, except education	29.1	29.5	29.4	29.5	29.3	29.2	29.2	29.3	29.1	28.8	28.7	28.7	28.6
Local government	47.4	47.1	47.6	47.6	47.3	47.7	47.2	46.8	46.4	47.8	47.8	47.9	47.7
Local government education	26.8	27.7	28.2	27.9	27.3	27.3	26.1	22.6	22.3	27.2	28.1	28.4	28.3
Local government, except education	20.6	19.4	19.4	19.7	20.0	20.4	21.2	24.2	24.0	20.6	19.7	19.5	19.4

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway and Union Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual—1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes. [f] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-27-86 RS-790-1-5 (1983)

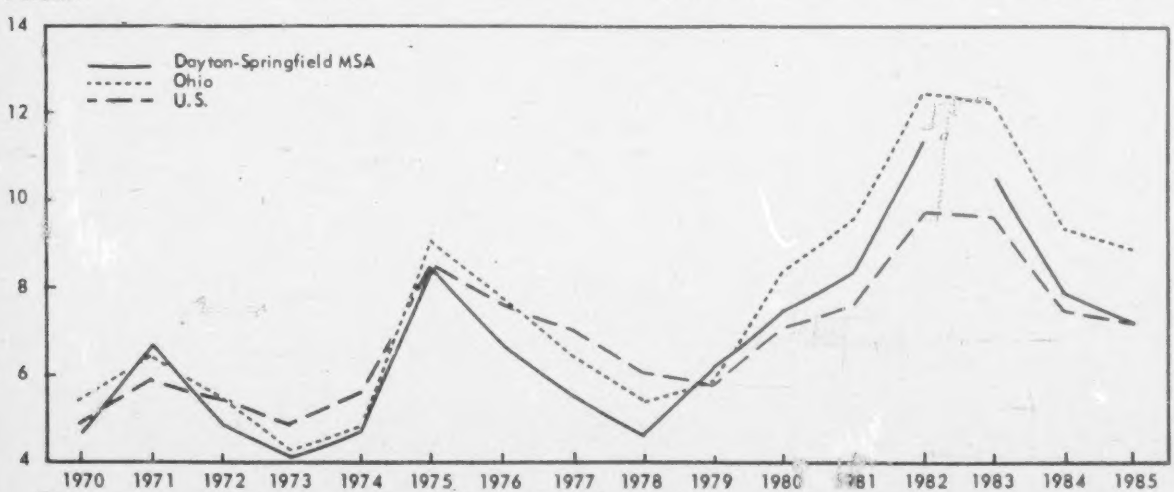
DAYTON - SPRINGFIELD
METROPOLITAN STATISTICAL AREA



In the Dayton-Springfield metropolitan area, the estimated average civilian labor force, based on place of residence, increased by 7,900 from 1984 to 447,900 in 1985. Total employment rose 10,800 over the year while the number of unemployed dropped 2,900 to 32,300. The unemployment rate declined from 8.0 percent in 1984 to 7.2 percent in 1985 (see table, page 97).

Total nonagricultural wage and salary employment rose 3.9 percent, or 15,100 jobs, from 1984 to 1985. Services gained 5,300 jobs, while retail trade increased 3,800. Manufacturing employment rose 2,700, due chiefly to gains in transportation equipment. Transportation and public utilities had the only employment drop among the major divisions, because of declines in the communications industry.

The Dayton-Springfield area has recovered 97.3 percent of the nonagricultural wage and salary employment lost between the peak year of 1979 and the recession years of 1982 and 1983. Nearly all major employment divisions had increased employment in 1985. Gains in services, retail trade, and construction accounted for much of the overall rise. Manufacturing had recovered 40.4 percent of its employment lost during the same period. Within manufacturing, transportation equipment had the most improvement. Electric and electronic equipment, which suffered a 52.4 percent loss from 1979 to 1983, had only a 9.1 percent recovery rate in 1985.


DAYTON-SPRINGFIELD MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)

[a] Metropolitan area definition changed effective with data for 1983. Prior data are not strictly comparable.

CIVILIAN LABOR FORCE ESTIMATES[a] (Absolute data in thousands)

Dayton-Springfield Metropolitan Statistical Area[a]

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Dayton-Springfield	Ohio	U.S.
1970	353.9	337.4	16.5	4.7	5.4	4.9
1971	349.5	326.1	23.3	6.7	6.5	5.9
1972	353.5	336.2	17.3	4.9	5.5	5.6
1973	358.0	343.5	14.5	4.1	4.3	4.9
1974	359.5	342.5	17.0	4.7	4.8	5.6
1975	357.6	327.7	29.9	8.4	9.1	8.5
1976	360.5	336.3	24.2	6.7	7.8	7.7
1977	368.6	348.3	20.3	5.5	6.5	7.1
1978	381.1	363.7	17.3	4.6	5.4	6.1
1979	392.2	367.9	24.2	6.2	5.9	5.8
1980	390.2	361.0	29.2	7.5	8.4	7.1
1981	390.8	357.9	32.8	8.4	9.6	7.6
1982	391.8	347.1	44.7	11.4	12.5	9.7
1983	438.5	391.9	46.6	10.6	12.2	9.6
1984	440.1	404.8	35.2	8.0	9.4	7.5
1985	447.9	415.6	32.3	7.2	8.9	7.2

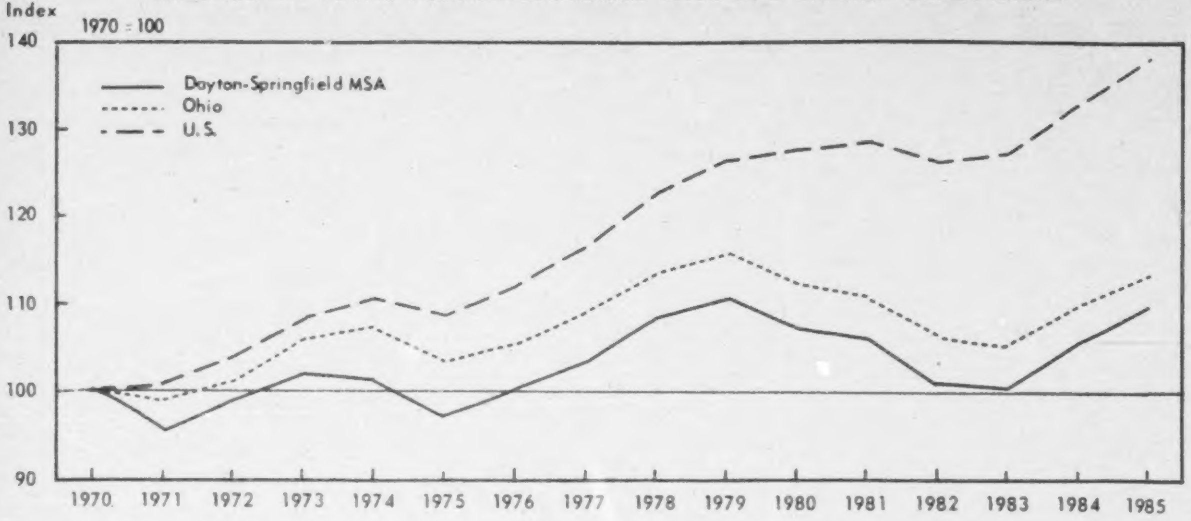
[a] These data are estimates based on place of residence.

[b] Unemployment as percentage of civilian labor force.

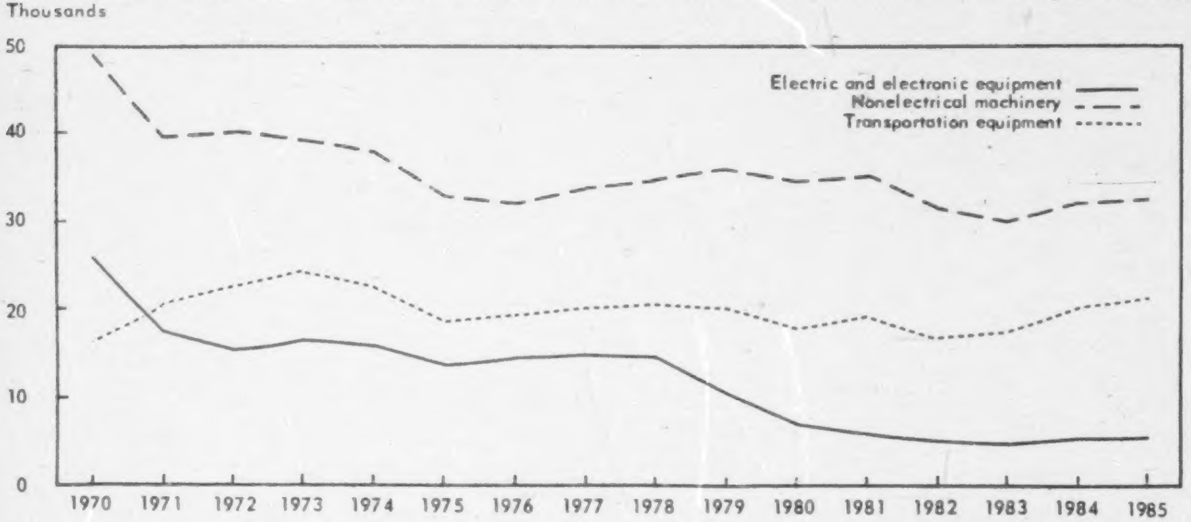
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES IN THE DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA 1979, 1983, and 1985

Industry	Employment (in thousands)			Employment Change		Percent Recovery	
	1979	1983	1985	1979-1983	1983-1985	Dayton-Springfield	Ohio
TOTAL	408.8	372.3	407.8	-36.5	35.5	97.3	72.9
MANUFACTURING	122.5	95.5	106.4	-27.0	10.9	40.4	18.1
Durable Goods	86.2	68.7	77.3	-17.5	8.6	49.1	17.7
Machinery, except electrical	35.9	30.0	32.6	-5.9	2.6	44.1	17.2
Electric and electronic equipment	10.5	5.0	5.5	-5.5	0.5	9.1	3.9
Electrical industrial apparatus	4.7	2.9	2.9	-1.8	0.0	0.0	-
Transportation equipment	20.1	17.7	21.6	-2.4	3.9	162.5	58.2
Nondurable Goods	36.3	26.8	29.1	-9.5	2.3	24.2	19.5
Printing and publishing	10.2	7.7	8.3	-2.5	0.6	24.0	79.2
Rubber and misc. plastics products	12.2	7.7	8.3	-4.5	0.6	13.3	34.6
CONSTRUCTION	15.8	10.6	13.6	-5.2	3.0	57.7	44.7
TRANSPORTATION AND PUBLIC UTILITIES	16.3	13.9	14.5	-2.4	0.6	25.0	11.9
WHOLESALE TRADE	16.6	17.5	19.1	0.9	1.6	+	233.0
RETAIL TRADE	68.4	63.1	71.1	-5.3	8.0	150.9	251.0
FINANCE, INSURANCE, AND REAL ESTATE	15.6	15.8	16.7	0.2	0.9	+	+
SERVICES	79.5	84.7	94.5	5.2	9.8	+	+
GOVERNMENT	73.6	70.8	71.6	-2.8	0.8	28.6	48.0

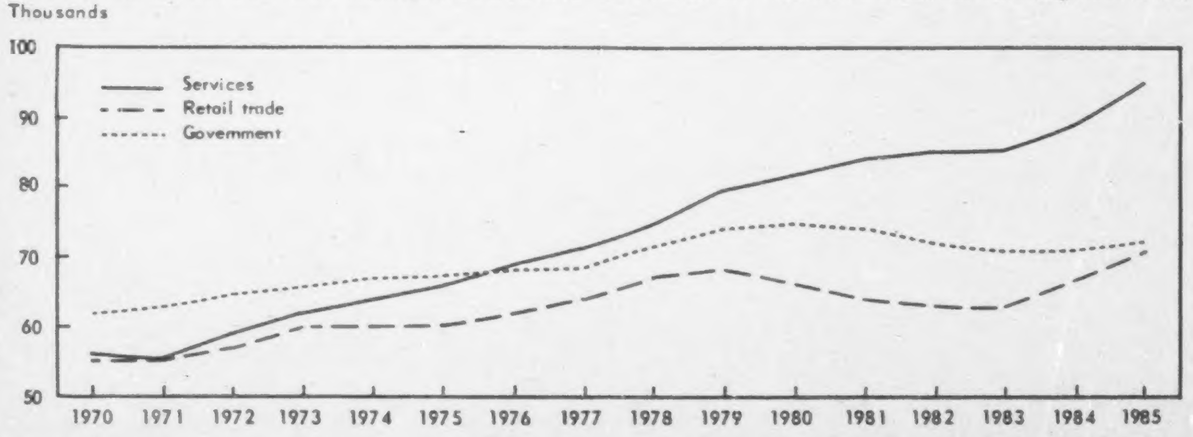
+ No downturn, 1979-1983
- No upturn, 1983-1985



INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



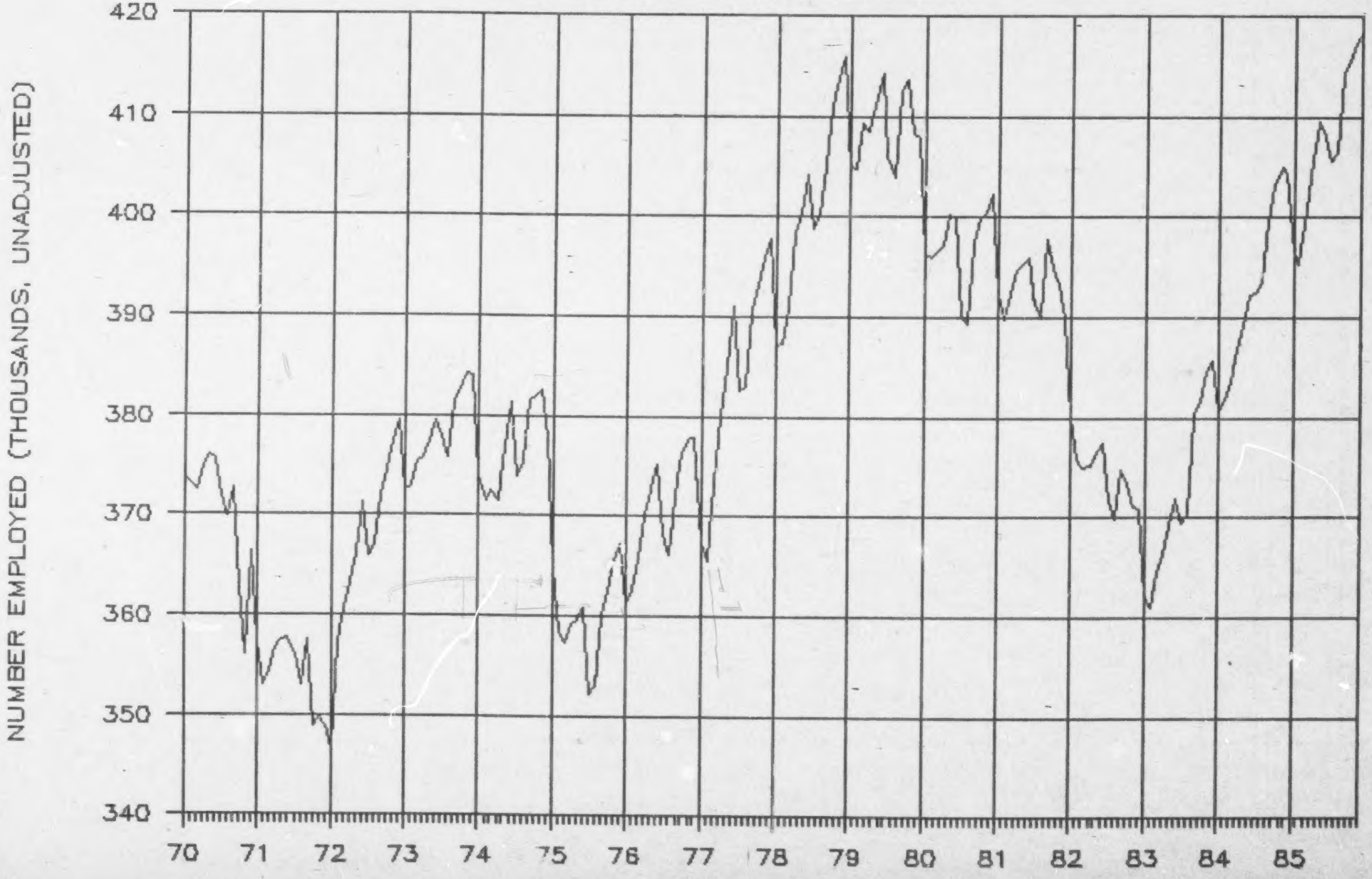
DAYTON-SPRINGFIELD MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)



DAYTON-SPRINGFIELD MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)

DAYTON–SPRINGFIELD MSA

TOTAL NONAGRICULTURAL EMPLOYMENT



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1985[a]

(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	407.8	396.5	395.4	401.0	405.7	409.5	408.0	405.7	406.5	414.2	415.5	417.4	418.2
MANUFACTURING	106.4	105.1	105.5	106.3	106.3	106.7	106.9	106.5	106.4	107.3	107.0	106.6	106.6
Durable Goods[b]	77.3	76.5	76.8	77.4	77.4	77.6	78.1	77.8	77.3	77.6	77.4	77.1	77.0
Fabricated metal products	8.4	8.2	8.2	8.2	8.4	8.6	8.6	8.7	8.7	8.6	8.5	8.4	8.2
Machinery, except electrical	32.6	33.1	32.9	32.9	32.8	32.8	32.9	32.7	32.3	32.3	32.2	32.0	32.0
Metalworking machinery	7.0	7.0	7.0	6.9	6.9	6.9	7.0	6.9	7.0	7.0	7.0	7.0	7.0
General industrial machinery	2.9	2.9	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.7	2.7
Electric and electronic equipment	5.5	5.7	5.7	5.6	5.5	5.5	5.6	5.5	5.4	5.4	5.4	5.5	5.5
Electrical industrial apparatus	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	2.9	3.0
Transportation equipment	21.6	20.5	21.0	21.6	21.5	21.6	21.7	21.6	21.5	22.0	21.9	22.0	22.2
Nondurable Goods[c]	29.1	28.6	28.7	28.9	28.9	29.0	28.8	28.8	29.2	29.6	29.5	29.5	29.6
Food and kindred products	3.0	3.0	3.0	3.1	2.9	2.8	2.9	2.9	2.9	2.9	3.1	3.0	3.0
Paper and allied products	5.7	5.7	5.7	5.7	5.8	5.8	5.6	5.5	5.7	5.8	5.9	5.9	5.8
Printing and publishing	8.3	8.2	8.2	8.2	8.3	8.3	8.2	8.3	8.4	8.4	8.4	8.5	8.6
Rubber and misc. plastics products	8.3	8.2	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.5	8.4	8.4	8.4
NONMANUFACTURING[d]	301.4	291.4	290.0	294.7	299.4	302.9	301.1	299.2	300.0	307.0	308.5	310.8	311.6
CONSTRUCTION	13.6	10.9	10.2	11.2	12.8	13.7	14.1	14.6	15.1	15.2	15.5	15.2	14.4
TRANSPORTATION AND PUBLIC UTILITIES	14.5	14.0	14.0	14.1	14.3	14.5	14.7	14.8	14.6	14.8	14.8	14.7	14.7
Communication, electric, gas services	6.0	6.1	6.1	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	6.0	5.9
WHOLESALE TRADE	19.1	18.7	18.5	18.8	19.0	19.1	19.1	19.2	19.2	19.2	19.3	19.4	19.6
Wholesale trade-durable goods	13.0	12.8	12.7	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.3
RETAIL TRADE	71.1	68.1	66.6	67.7	69.4	70.7	71.2	71.7	72.0	72.4	73.0	74.5	76.0
General merchandise stores	11.4	11.7	11.0	11.1	11.0	11.1	11.0	10.9	10.9	11.2	11.5	12.2	13.0

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1985[a] (Continued)

(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
FINANCE, INSURANCE, AND REAL ESTATE	16.7	16.2	16.0	16.4	16.5	16.6	16.9	17.1	17.1	16.9	16.8	16.8	16.8
Banking	4.1	4.0	4.0	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.1
Credit agencies other than banks	4.3	4.2	3.9	4.2	4.2	4.2	4.2	4.3	4.3	4.4	4.4	4.5	4.5
Insurance carriers	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.9	2.8	2.8	2.8
SERVICES	94.5	91.3	91.7	93.2	94.3	94.3	94.7	94.3	94.2	96.4	96.4	96.8	96.6
Business services	20.3	18.8	18.8	19.2	19.8	20.0	20.3	20.4	20.9	21.2	21.2	21.5	21.5
Health services	33.6	33.4	33.3	33.6	33.4	33.5	33.8	33.6	33.4	33.6	33.5	33.6	34.0
Educational services	6.8	7.3	7.7	7.8	7.5	6.6	5.8	5.2	4.9	6.9	7.3	7.6	6.8
GOVERNMENT	71.6	72.0	72.7	73.0	72.8	73.6	70.0	67.0	67.4	71.5	72.4	73.1	73.2
Federal government	27.5	26.6	26.6	26.5	27.5	27.6	27.8	28.1	28.3	28.2	27.6	27.6	27.7
State government	6.4	6.3	6.6	6.6	6.6	6.4	6.6	5.8	5.8	5.7	6.5	6.8	6.7
State government education	3.8	3.7	4.0	4.0	4.0	3.9	4.0	3.1	3.1	3.1	3.9	4.2	4.1
State government, except education	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.6	2.6	2.6	2.6
Local government	37.7	39.1	39.5	39.9	38.6	39.5	35.6	33.1	33.2	37.6	38.3	38.7	38.8
Local government education	23.2	24.7	25.1	25.5	24.3	24.9	20.7	18.2	18.5	23.3	24.1	24.5	24.6
Local government, except education	14.5	14.4	14.4	14.4	14.4	14.5	14.9	14.9	14.8	14.4	14.3	14.2	14.2

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton-Springfield area is defined as Clark, Greene, Miami, and Montgomery Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-18-86 RS-790-1-8 (1985)

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$11.97	$11.75	$11.86	$11.72	$11.84	$11.80	$12.18	$12.15	$11.81	$12.10	$11.96	$12.05	$12.33
Durable Goods[b]	12.14	11.87	12.01	11.84	11.93	11.92	12.31	12.27	11.98	12.33	12.22	12.30	12.65
Fabricated metal products	8.79	8.36	8.51	8.60	8.64	8.71	8.79	8.8[illegible]	8.89	8.94	8.95	9.02	9.18
Machinery, except electrical	12.44	12.11	12.31	12.10	12.19	12.18	12.46	12.56	12.40	12.49	12.79	12.76	12.89
Metalworking machinery	11.55	11.56	11.42	11.52	11.50	11.40	11.51	11.39	11.51	11.39	11.56	11.71	12.04
General industrial machinery	10.28	9.88	10.21	10.35	10.14	10.15	10.20	10.19	10.53	10.41	10.48	10.36	10.42
Electric and electronic equipment	8.91	8.54	8.42	8.54	8.83	8.78	8.95	8.83	9.25	9.30	9.29	9.06	9.12
Electrical industrial apparatus	9.67	9.21	9.12	9.29	9.51	9.51	9.67	9.40	9.95	10.07	10.06	10.10	10.03
Transportation equipment	14.81	14.74	14.75	14.58	14.62	14.60	15.18	14.97	14.46	15.08	14.56	14.72	15.26
Nondurable Goods[c]	11.45	11.38	11.44	11.34	11.59	11.46	11.78	11.76	11.30	11.41	11.19	11.33	11.39
Food and kindred products	9.02	9.27	8.87	8.97	9.33	9.24	9.08	9.16	9.18	9.03	8.79	8.77	8.71
Paper and allied products	9.84	9.77	9.73	9.74	9.75	9.69	10.15	9.90	9.86	9.80	9.61	9.97	10.08
Printing and publishing	10.54	10.30	10.25	10.30	10.26	10.48	10.68	10.67	10.56	10.91	10.81	10.70	10.64
Rubber and misc. plastics products	14.55	14.41	14.82	14.41	14.68	14.39	14.84	14.92	14.34	14.44	14.18	14.47	14.62
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services	12.98	12.60	12.78	12.74	12.83	12.79	12.86	12.34	13.19	13.32	13.28	13.35	13.26
WHOLESALE TRADE	9.03	8.94	9.07	8.88	8.95	8.95	8.82	9.00	8.95	8.98	9.20	9.40	9.14
RETAIL TRADE[d]	5.40	5.49	5.42	5.49	5.38	5.37	5.33	5.37	5.40	5.44	5.46	5.38	5.35

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton-Springfield area is defined as Clark, Greene, Miami, and Montgomery Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-4-6 (1985)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	43.2	43.4	40.7	43.1	43.2	43.0	44.6	44.2	42.6	43.7	42.6	43.0	44.6
Durable Goods[b]	43.5	43.8	40.8	43.2	43.3	43.2	44.9	44.5	42.8	44.1	42.9	43.2	45.1
Fabricated metal products	40.7	41.5	38.3	41.4	39.9	41.8	41.2	40.4	41.2	40.3	40.1	40.6	41.8
Machinery, except electrical	44.4	44.8	42.6	44.3	44.8	44.3	45.5	44.8	43.9	44.2	43.9	44.0	45.2
Metalworking machinery	46.6	46.9	43.8	47.3	46.9	46.7	47.3	46.6	45.5	46.2	46.6	46.6	48.6
General industrial machinery	41.5	41.0	39.8	41.6	41.6	40.8	42.6	41.7	43.4	41.8	41.4	40.8	42.0
Electric and electronic equipment	41.7	41.5	38.8	40.7	42.0	42.4	42.5	41.3	42.7	42.8	42.2	41.9	41.8
Electrical industrial apparatus	42.5	42.8	38.0	40.7	43.2	42.8	43.3	40.8	44.4	44.7	43.1	43.1	43.6
Transportation equipment	44.9	45.2	41.3	43.6	43.5	43.8	47.4	47.2	43.0	46.7	43.8	44.3	48.2
Nondurable Goods[c]	42.4	42.3	40.4	42.7	43.1	42.2	43.7	43.2	41.8	42.5	41.4	42.6	43.3
Food and kindred products	41.5	41.4	37.8	41.1	39.9	40.6	42.7	41.6	41.5	42.2	42.3	43.4	43.6
Paper and allied products	44.4	43.6	43.7	44.6	44.3	43.5	45.4	43.9	44.1	44.4	43.8	45.1	45.9
Printing and publishing	39.4	39.3	38.7	39.8	39.4	38.5	38.5	39.1	40.1	39.8	39.1	39.8	40.8
Rubber and misc. plastics products	43.8	44.1	41.0	43.8	45.8	44.1	46.1	46.5	41.5	43.2	41.5	43.5	43.9
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	40.2	39.4	39.5	39.7	40.2	39.9	40.2	40.5	40.4	40.8	40.4	40.8	40.7
WHOLESALE TRADE	41.3	41.8	40.5	41.5	40.8	41.0	42.0	41.8	41.4	41.0	41.4	40.9	41.4
RETAIL TRADE	29.3	27.9	27.3	28.5	28.7	29.9	30.3	30.1	30.1	29.8	29.5	29.2	30.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton-Springfield area is defined as Clark, Greene, Miami, and Montgomery Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-3-8 (1985)

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$517.10	$509.95	$482.70	$505.13	$511.49	$507.40	$543.23	$537.03	$503.11	$528.77	$509.50	$518.15	$549.92
Durable Goods[b]	528.09	519.91	490.01	511.49	516.57	514.94	552.72	546.02	512.74	543.75	524.24	531.36	570.52
Fabricated metal products	357.75	346.94	325.93	356.04	344.74	364.08	362.15	357.14	366.27	360.28	358.90	366.21	383.72
Machinery, except electrical	552.34	542.53	524.41	536.03	546.11	539.57	567.84	562.69	544.36	552.06	561.48	561.44	582.63
Metalworking machinery	538.23	542.16	500.20	544.90	539.35	532.38	544.42	530.77	523.71	526.22	538.70	545.69	585.14
General industrial machinery	426.62	405.08	406.36	430.56	421.82	414.12	434.52	424.92	457.00	435.14	433.87	422.69	437.64
Electric and electronic equipment	371.55	354.41	326.70	347.58	370.86	372.27	380.38	364.68	394.98	398.04	392.04	379.61	381.22
Electrical industrial apparatus	410.98	394.19	346.56	378.10	410.83	407.03	418.71	383.52	441.78	450.13	433.59	435.31	437.31
Transportation equipment	664.97	666.25	609.18	635.69	635.97	639.48	719.53	706.58	621.78	704.24	637.73	652.10	735.53
Nondurable Goods[c]	485.48	481.37	462.18	484.22	499.53	483.61	514.79	508.03	472.34	484.93	463.27	482.66	493.19
Food and kindred products	374.33	383.78	335.29	368.67	372.27	375.14	387.72	381.06	380.97	381.07	371.82	380.62	379.76
Paper and allied products	436.90	425.97	425.20	434.40	432.37	421.52	460.81	434.61	434.83	435.12	429.92	449.65	462.67
Printing and publishing	415.28	404.79	396.68	409.94	404.24	403.48	411.18	417.20	423.46	434.22	422.67	425.86	434.11
Rubber and misc. plastics products	637.29	635.48	607.62	631.16	672.34	634.60	684.12	693.78	595.11	623.81	588.47	629.45	641.82
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services	521.80	496.44	504.81	505.78	515.77	510.32	516.97	520.02	532.88	543.46	536.51	544.68	539.68
WHOLESALE TRADE	372.94	373.69	367.34	368.52	365.16	366.95	370.44	376.20	370.53	368.18	380.88	384.46	378.40
RETAIL TRADE[d]	158.22	153.17	147.97	156.47	154.41	160.56	161.50	161.64	162.54	162.11	161.07	157.10	162.11

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton-Springfield area is defined as Clark, Greene, Miami, and Montgomery Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-2-6 (1985)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1984[a]

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	392.7	380.5	381.7	383.6	386.9	389.1	392.3	392.5	393.5	399.7	403.1	404.9	404.3
MANUFACTURING	103.7	100.5	100.8	101.9	102.5	102.7	103.6	104.4	104.6	105.4	105.6	106.1	105.8
Durable Goods[b]	75.2	72.7	73.0	73.8	74.3	74.5	75.3	75.8	75.9	76.5	76.6	77.2	76.9
Fabricated metal products	8.0	7.6	7.6	7.7	7.8	7.9	8.0	8.1	8.1	8.2	8.2	8.3	8.3
Machinery, except electrical	32.3	31.4	31.5	31.7	31.9	32.0	32.3	32.4	32.5	32.5	32.7	33.2	33.2
Metalworking machinery	6.5	6.1	6.2	6.2	6.3	6.4	6.5	6.5	6.6	6.6	6.8	6.8	6.9
General industrial machinery	3.0	3.1	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
Electric and electronic equipment	5.4	5.2	5.2	5.3	5.3	5.3	5.5	5.6	5.6	5.6	5.6	5.6	5.5
Electrical industrial apparatus	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	2.9	2.9
Transportation equipment	20.2	19.6	19.5	20.0	20.1	20.1	20.2	20.0	20.0	20.6	20.5	20.6	20.7
Nondurable Goods[c]	28.5	27.8	27.8	28.2	28.2	28.2	28.3	28.6	28.7	28.9	29.0	29.0	28.9
Food and kindred products	3.0	2.8	2.7	2.8	2.8	2.7	2.8	3.1	3.2	3.2	3.2	3.1	3.0
Paper and allied products	5.6	5.4	5.4	5.5	5.5	5.5	5.6	5.6	5.7	5.7	5.8	5.8	5.8
Printing and publishing	8.0	7.8	7.8	7.8	7.9	7.9	7.9	8.0	8.1	8.1	8.1	8.2	8.3
Rubber and misc. plastics products	8.3	8.4	8.4	8.5	8.4	8.4	8.4	8.2	8.1	8.2	8.0	8.1	8.1
NONMANUFACTURING[d]	289.0	280.0	280.9	281.6	284.4	286.4	288.7	288.1	288.8	294.4	297.5	298.7	298.4
CONSTRUCTION	12.1	9.7	9.6	9.6	10.6	11.7	12.8	13.4	13.8	13.8	13.8	13.4	12.8
TRANSPORTATION AND PUBLIC UTILITIES	14.7	14.7	14.7	14.9	14.7	15.0	15.1	14.6	14.7	14.6	14.5	14.4	14.4
Communication, electric, gas services	6.5	6.8	6.8	6.8	6.8	6.8	6.8	6.4	6.4	6.3	6.2	6.1	6.1
WHOLESALE TRADE	18.4	17.8	17.7	17.8	18.1	18.2	18.5	18.6	18.7	18.7	18.8	19.0	19.0
Wholesale trade-durable goods	12.8	12.4	12.3	12.4	12.6	12.8	12.9	12.9	12.9	13.0	13.0	13.1	13.1
RETAIL TRADE	67.3	64.1	63.4	63.6	65.0	66.1	67.0	68.4	68.6	69.0	69.8	71.0	72.0
General merchandise stores	11.5	11.6	11.0	10.9	10.7	10.7	11.0	11.4	11.4	11.5	11.9	12.8	13.5

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1984[a] (Continued)

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
FINANCE, INSURANCE, AND REAL ESTATE	16.1	15.6	15.7	15.8	15.9	16.0	16.2	16.3	16.4	16.3	16.2	16.2	16.3
Banking	4.0	4.0	4.0	3.9	4.0	4.0	4.0	4.1	4.1	4.0	4.0	4.0	4.0
Credit agencies other than banks	4.1	3.9	4.0	4.0	4.1	4.1	4.1	4.0	4.0	4.1	4.1	4.1	4.2
Insurance carriers	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.2	3.2	3.2
SERVICES	89.2	86.2	87.2	87.4	88.0	87.2	88.8	89.4	89.7	91.7	91.7	91.6	90.9
Business services	17.4	16.0	16.2	16.2	16.4	16.6	17.0	17.8	18.1	18.5	18.8	18.8	18.9
Health services	33.2	32.7	32.8	32.9	32.8	33.0	33.2	33.5	33.5	33.6	33.3	33.4	33.5
Educational services	6.5	6.6	7.3	7.3	7.0	5.6	5.5	5.3	4.8	7.0	7.4	7.4	6.7
GOVERNMENT	70.9	71.8	72.3	72.3	71.8	71.8	69.8	67.1	66.6	70.0	72.4	72.7	72.6
Federal government	26.5	26.7	26.7	26.8	26.2	26.1	26.7	26.6	26.6	26.3	26.4	26.4	26.6
State government	6.2	6.1	6.4	6.4	6.4	6.3	6.6	5.7	5.7	5.7	6.6	6.7	6.4
State government education	3.6	3.5	3.8	3.9	3.9	3.7	3.9	3.1	3.1	3.0	4.0	4.1	3.8
State government, except education	2.6	2.6	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.6	2.6	2.6	2.6
Local government	38.2	39.0	39.2	39.1	39.2	39.4	36.6	34.7	34.3	38.1	39.5	39.6	39.5
Local government education	23.5	24.5	24.8	24.6	24.7	24.7	21.4	19.5	19.3	23.4	24.9	25.1	25.0
Local government, except education	14.7	14.5	14.4	14.4	14.5	14.8	15.2	15.2	15.0	14.7	14.6	14.5	14.5

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton-Springfield area is defined as Clark, Greene, Miami, and Montgomery Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-18-86 RS-790-1-6 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1983[a]

(in thousands)

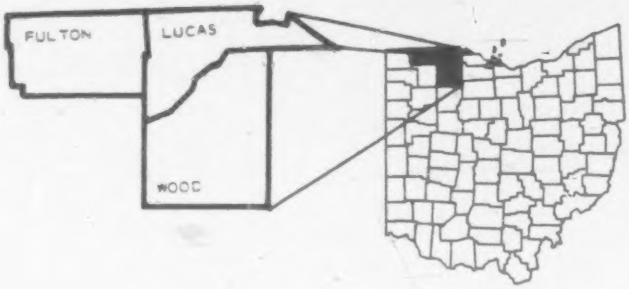
Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	372.3	362.0	361.1	364.6	366.4	369.3	371.9	369.5	370.3	380.4	381.6	384.7	385.6
MANUFACTURING	95.5	91.5	91.5	92.5	92.9	94.1	94.7	94.9	96.4	99.1	98.4	99.7	100.7
Durable Goods[b]	68.7	65.7	65.7	66.5	66.8	67.6	68.1	68.1	69.2	71.3	70.9	72.0	72.7
Fabricated metal products	7.2	6.9	6.9	6.9	7.0	7.1	7.2	7.3	7.4	7.6	7.5	7.6	7.6
Machinery, except electrical	30.0	29.6	29.5	29.8	29.8	29.8	29.7	29.1	29.6	30.6	30.4	30.8	31.3
Metalworking machinery	6.2	6.5	6.5	6.5	6.4	6.3	6.2	6.2	6.1	6.1	6.0	6.0	6.0
General industrial machinery	3.0	2.9	2.9	2.9	3.0	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.1
Electric and electronic equipment	5.0	4.9	4.9	4.9	4.9	4.9	5.0	5.0	5.1	5.2	5.1	5.2	5.2
Electrical industrial apparatus	2.9	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0
Transportation equipment	17.7	16.2	16.3	16.6	16.6	17.2	17.5	17.9	18.2	18.8	18.9	19.2	19.3
Nondurable Goods[c]	26.8	25.7	25.7	25.9	26.2	26.4	26.6	26.9	27.2	27.8	27.5	27.7	28.0
Food and kindred products	2.8	2.7	2.7	2.7	2.6	2.7	2.7	2.7	2.9	3.0	2.8	2.8	2.9
Paper and allied products	5.1	5.1	5.1	5.0	5.0	5.0	5.0	5.1	5.1	5.2	5.1	5.2	5.3
Printing and publishing	7.7	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.8
Rubber and misc. plastics products	7.7	6.9	7.0	7.2	7.3	7.5	7.6	7.9	7.9	8.2	8.2	8.3	8.5
NONMANUFACTURING[d]	276.8	270.5	269.6	272.2	273.4	275.2	277.1	274.5	273.9	281.3	283.3	285.0	285.0
CONSTRUCTION	10.6	8.6	8.2	8.7	9.3	10.0	10.9	11.7	12.3	12.3	12.3	12.1	11.4
TRANSPORTATION AND PUBLIC UTILITIES	13.9	13.5	13.4	13.4	13.7	13.8	14.1	14.1	12.8	14.2	14.6	14.6	14.7
Communication, electric, gas services	6.6	6.8	6.8	6.7	6.6	6.6	6.7	6.6	5.3[e]	6.6	6.9	6.9	6.9
WHOLESALE TRADE	17.5	17.1	17.1	17.2	17.3	17.3	17.4	17.5	17.7	17.7	17.8	17.9	18.0
Wholesale trade-durable goods	12.1	11.8	11.8	11.9	11.9	11.9	12.0	12.2	12.3	12.3	12.4	12.4	12.5
RETAIL TRADE	63.1	60.7	59.6	60.3	61.5	62.5	62.9	63.7	64.0	64.6	64.7	65.8	67.1
General merchandise stores	11.3	11.7	10.9	10.8	10.8	10.9	10.8	10.8	10.9	11.0	11.3	12.3	13.2
FINANCE, INSURANCE, AND REAL ESTATE	15.8	15.5	15.5	15.6	15.7	15.8	16.0	16.1	16.2	16.0	15.9	15.9	15.9
Banking	4.1	4.2	4.2	4.1	4.1	4.1	4.1	4.2	4.2	4.1	4.1	4.1	4.1
Credit agencies other than banks	3.9	3.6	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.0	4.0	4.0
Insurance carriers	3.1	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2
SERVICES	84.7	82.8	83.2	84.0	83.8	83.2	84.5	84.6	84.6	86.7	86.2	86.6	85.9
Business services	15.1	13.9	14.0	14.3	14.5	14.8	15.1	15.3	15.6	15.8	15.8	15.8	15.8
Health services	32.7	32.2	32.1	32.2	32.3	32.4	32.6	33.1	33.0	33.1	32.9	33.0	33.1
Educational services	6.1	6.7	6.9	7.0	6.6	5.2	5.1	4.7	4.2	6.6	7.0	7.1	6.5
GOVERNMENT	70.8	72.0	72.5	72.7	71.9	72.4	71.2	66.5	66.0	69.5	71.4	71.8	71.7
Federal government	26.5	26.5	26.4	26.3	26.3	26.4	26.6	27.0	26.8	26.6	26.4	26.5	26.6
State government	6.0	6.0	6.2	6.2	6.3	6.1	6.4	5.6	5.6	5.4	6.2	6.1	6.4
State government education	3.5	3.4	3.6	3.6	3.7	3.5	3.7	3.0	2.9	2.9	3.7	3.6	3.9
State government, except education	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.5	2.5	2.5	2.6
Local government	38.2	39.5	39.9	40.2	39.4	39.9	38.2	33.9	33.6	37.5	38.8	39.2	38.7
Local government education	23.3	25.2	25.4	25.2	24.5	24.8	22.8	18.4	18.2	22.6	24.0	24.5	24.0
Local government, except education	14.9	14.3	14.5	15.0	14.8	15.1	15.4	15.5	15.4	14.9	14.8	14.7	14.7

---

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Clark, Greene, Miami, and Montgomery Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-27-86 MS-790-1-6 (1983)

TOLEDO
METROPOLITAN STATISTICAL AREA

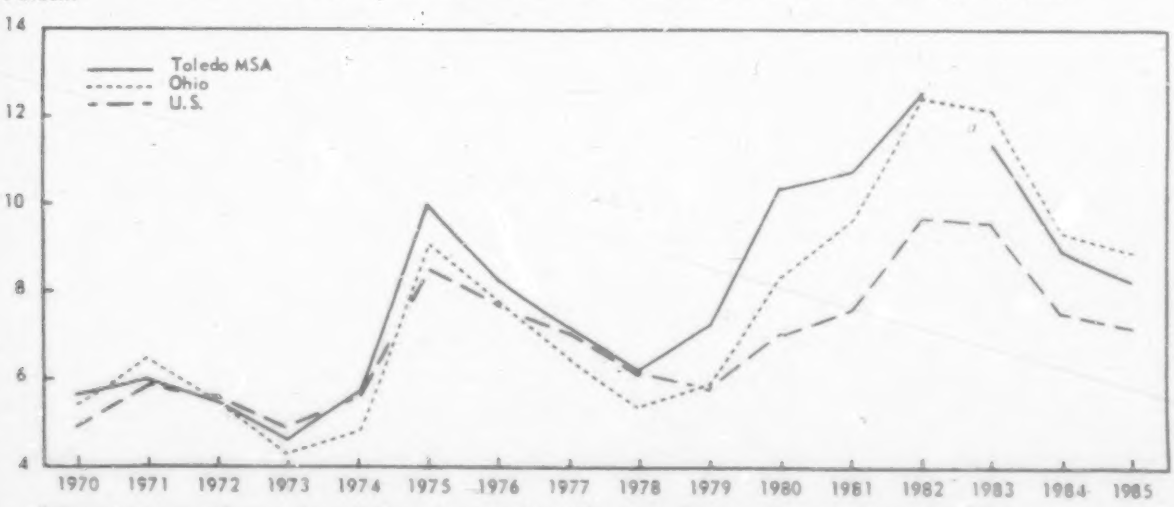


The 1985 estimated annual average civilian labor force, based on place of residence, edged upward 2,100, to 295,500 in the Toledo metropolitan area. The employment level also continued to move upward from the 1984 level of 267,300, to 271,300 in 1985. Unemployment declined from 26,200 in 1984 to 24,200 in 1985. The unemployment rate showed a drop of seven-tenths of a percentage point, to a 1985 rate of 8.2 percent (see table, page 109).

Nonagricultural wage and salary employment increased 7,400, from 257,000 in 1984 to the 1985 annual average of 264,400. In 1985, nonmanufacturing employment had a dramatic rise of 6,600 workers, to an average level of 198,800. The categories showing the largest increases were retail trade and services. In manufacturing, both durable and nondurable goods producers reported increases over the 1984 levels.

During the economic downturn of the early 1980's, manufacturing employment suffered the greatest losses, especially in the areas of motor vehicles and equipment and stone, clay, and glass products. From 1983 to 1985, the recovery from the economic downturn has been relatively good: 83.4 percent recovery of nonagricultural wage and salary jobs lost between 1979 and 1983 in the Toledo area compared to 72.9 percent recovery in the State. Greatest employment gains during the recovery period have been recorded in retail trade, in motor vehicles and equipment in the manufacturing sector, and in services. All major industries have shown improvement with the exception of stone, clay, and glass products.

TOLEDO MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



[1] Metropolitan area definition changed effective with data for 1983. Prior data are not strictly comparable.

CIVILIAN LABOR FORCE ESTIMATES (Absolute data in thousands)

Toledo Metropolitan Statistical Area[a]

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Toledo	Ohio	U.S.
1970	315.8	298.4	17.4	5.5	5.4	4.9
1971	319.3	300.3	19.1	6.0	6.5	5.9
1972	329.4	311.3	18.1	5.5	5.5	5.6
1973	339.8	324.2	15.6	4.6	4.3	4.9
1974	343.8	324.2	19.7	5.7	4.8	5.6
1975	344.8	310.2	34.6	10.0	9.1	8.5
1976	347.8	319.4	28.4	8.2	7.8	7.7
1977	355.0	329.4	25.6	7.2	6.5	7.1
1978	362.1	339.7	22.4	6.2	5.4	6.1
1979	368.2	341.7	26.4	7.2	5.9	5.8
1980	368.2	329.8	38.4	10.4	8.4	7.1
1981	367.4	328.0	39.4	10.7	9.6	7.6
1982	369.4	323.0	46.4	12.6	12.5	9.7
1983	289.2	256.1	33.1	11.4	12.2	9.6
1984	293.5	267.3	26.2	8.9	9.4	7.5
1985	295.5	271.3	24.2	8.2	8.9	7.2

[a] These data are estimates based on place of residence.

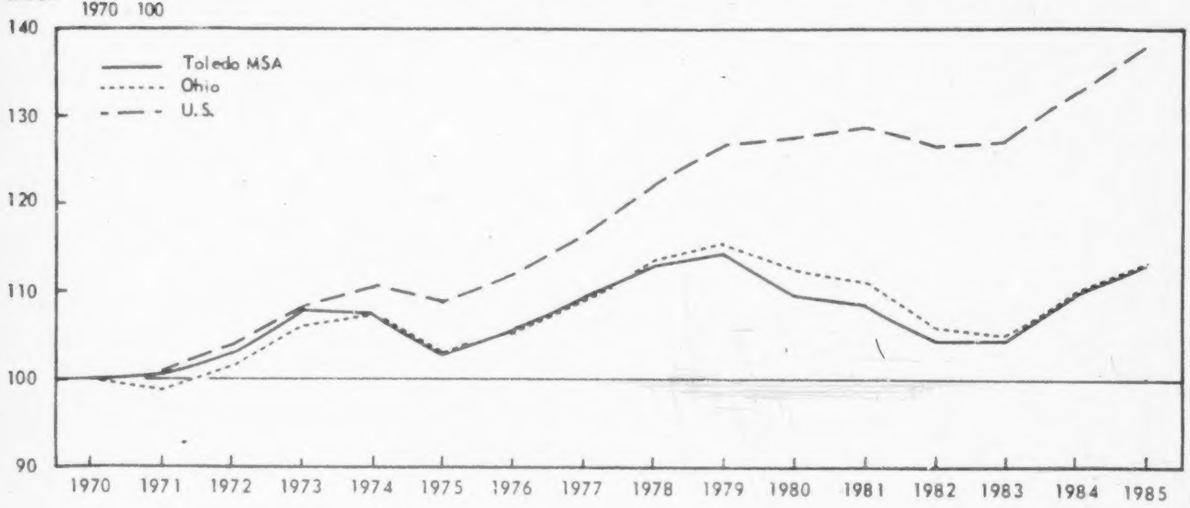
[b] Unemployment as percentage of civilian labor force.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES
IN THE TOLEDO METROPOLITAN STATISTICAL AREA
1979, 1983, and 1985

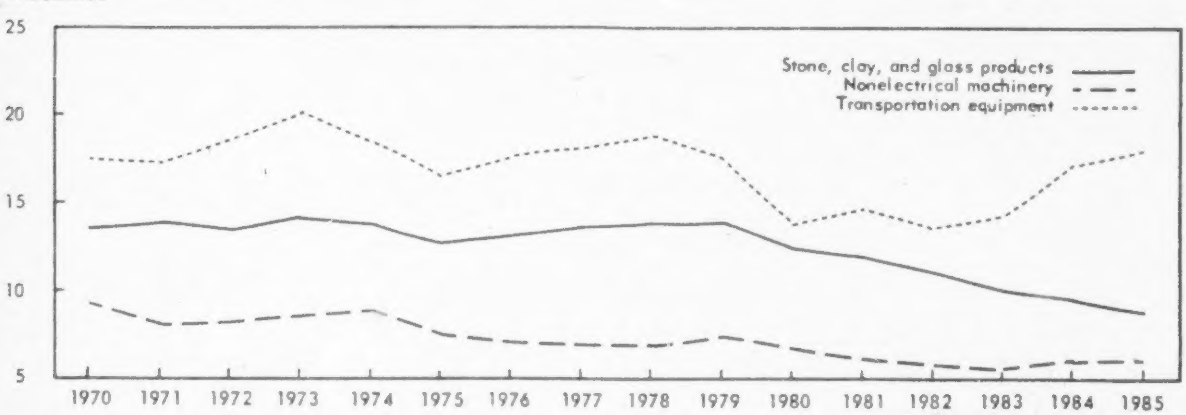
Industry	Employment (in thousands)			Employment Change		Percent Recovery	
	1979	1983	1985	1979-1983	1983-1985	Toledo	Ohio
TOTAL	268.2	245.3	264.4	-22.9	19.1	83.4	72.9
MANUFACTURING	77.4	59.6	65.6	-17.8	6.0	33.7	18.1
Durable Goods	61.5	46.2	51.7	-15.3	5.5	35.9	17.7
Stone, clay, and glass products	13.8	10.1	8.9	-3.7	-1.2	-	-
Transportation equipment	17.7	14.3	18.1	-3.4	3.8	111.8	58.2
Motor vehicles and equipment	16.3	13.1	17.0	-3.2	3.9	121.9	37.0
Nondurable Goods	16.0	13.4	13.9	-2.6	0.5	19.2	19.5
CONSTRUCTION	10.3	7.3	8.5	-3.0	1.2	40.0	44.7
TRANSPORTATION AND PUBLIC UTILITIES	17.7	13.8	13.9	-3.9	0.1	2.6	11.9
WHOLESALE TRADE	14.1	13.9	14.9	-0.2	1.0	500.0	233.0
RETAIL TRADE	47.1	44.6	50.1	-2.5	5.5	220.0	251.0
FINANCE, INSURANCE, AND REAL ESTATE	9.3	9.5	10.2	0.2	0.7	+	+
SERVICES	53.0	57.8	61.2	4.8	3.4	+	+
GOVERNMENT	39.0	38.6	39.7	-0.4	1.1	275.0	48.0

+ No downturn, 1979-1983
- No upturn, 1983-1985

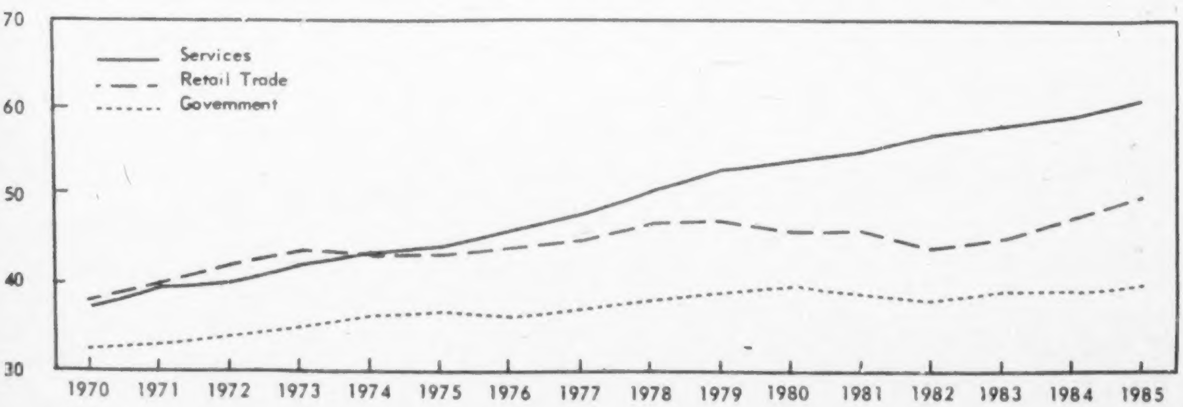
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



TOLEDO MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)

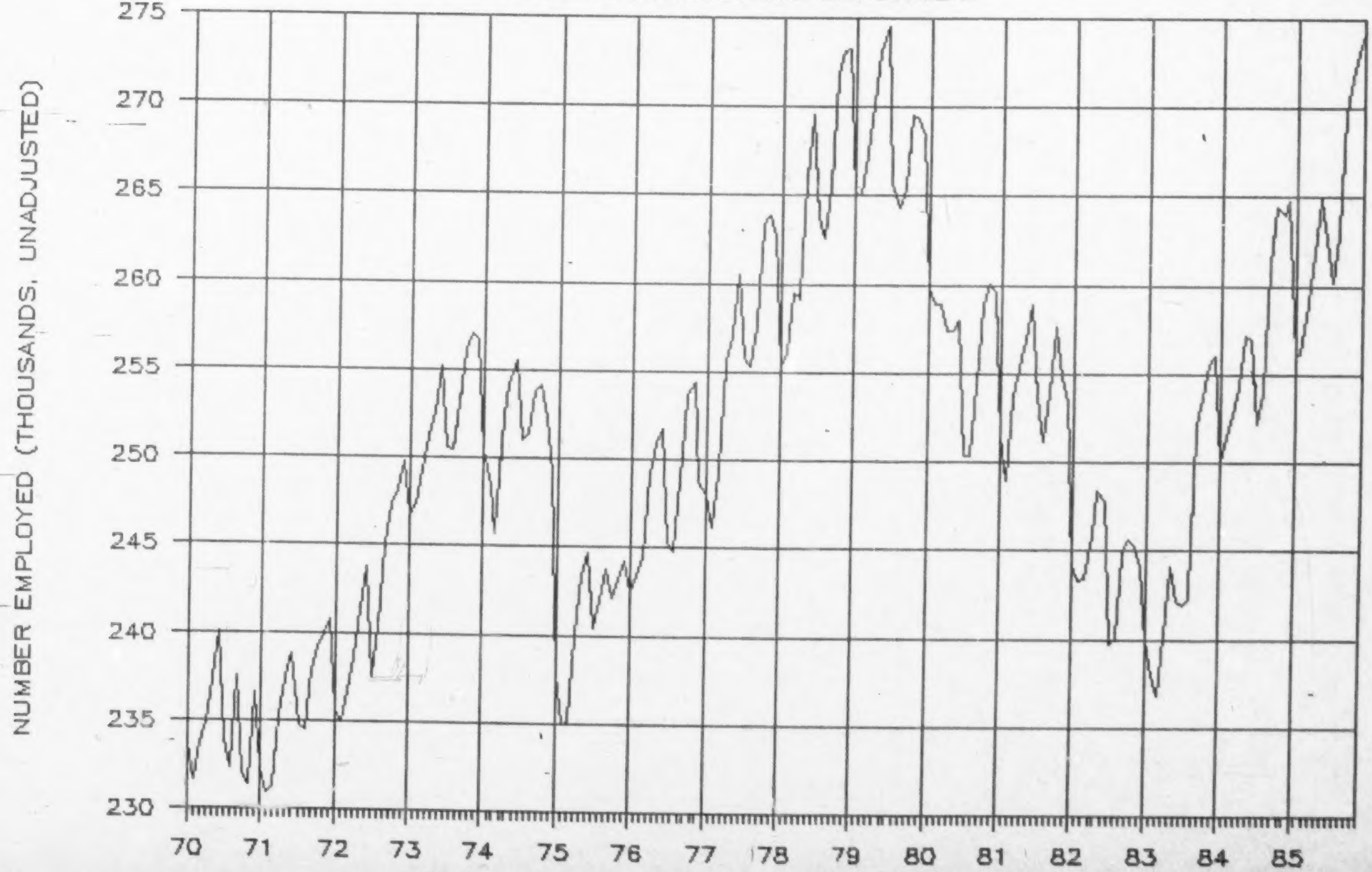


TOLEDO MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)



TOLEDO MSA

TOTAL NONAGRICULTURAL EMPLOYMENT



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA, 1985[a]

(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	264.4	256.0	256.2	259.1	261.8	264.9	262.6	260.2	262.9	269.8	271.7	273.2	274.2
MANUFACTURING	65.6	64.6	64.6	65.0	64.7	64.8	65.1	64.3	66.8	68.0	66.5	66.2	66.2
Durable Goods[b]	51.7	51.1	51.0	51.2	50.8	51.0	51.1	50.6	52.3	53.4	53.1	52.6	52.4
Stone, clay, and glass products	8.9	9.4	9.2	9.2	8.7	8.8	8.8	8.8	8.9	8.9	8.9	8.8	8.9
Primary metal industries	3.5	3.5	3.5	3.6	3.6	3.5	3.5	3.5	3.4	3.6	3.7	3.6	3.4
Fabricated metal products	7.9	7.8	7.8	7.9	8.0	8.1	8.0	8.1	8.0	8.0	8.0	7.8	7.9
Metal forgings and stampings	3.7	3.8	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.7
Machinery, except electrical	6.1	6.3	6.1	6.1	6.1	6.0	6.1	6.1	6.2	6.2	6.2	6.2	6.2
Electric and electronic equipment	3.2	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.1	3.0	3.0	3.0
Transportation equipment	18.1	17.2	17.5	17.5	17.3	17.4	17.6	17.1	18.8	19.6	19.4	19.1	19.1
Motor vehicles and equipment	17.0	16.0	16.3	16.3	16.2	16.2	16.4	16.3	17.7	18.5	18.2	18.0	18.0
Nondurable Goods[c]	13.9	13.5	13.6	13.7	13.8	13.8	14.0	13.7	14.6	14.6	13.5	13.6	13.8
Food and kindred products	3.7	3.5	3.5	3.5	3.6	3.6	3.8	3.6	4.4	4.5	3.3	3.4	3.7
Rubber and misc. plastics products	2.8	2.8	2.8	2.9	2.8	2.8	2.9	2.7	2.8	2.8	2.9	2.9	2.9
NONMANUFACTURING[d]	198.8	191.4	191.6	194.2	197.1	200.1	197.4	195.9	196.1	201.8	205.1	207.0	208.0
CONSTRUCTION	8.5	7.3	6.9	7.2	7.6	8.3	8.7	9.0	9.3	9.4	9.8	9.8	9.1
TRANSPORTATION AND PUBLIC UTILITIES	13.9	13.7	13.7	13.7	13.9	14.0	14.1	14.0	13.9	13.9	14.1	14.0	14.1
Trucking and warehousing	5.5	5.4	5.4	5.4	5.4	5.4	5.5	5.5	5.4	5.4	5.6	5.6	5.7
Communication, electric, gas services	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
WHOLESALE TRADE	14.9	14.6	14.7	14.8	14.9	15.0	14.9	15.1	15.1	15.0	14.9	14.9	14.9
Wholesale trade-durable goods	10.0	9.9	10.0	10.0	10.0	10.2	10.0	10.1	10.1	10.1	10.0	9.9	9.9
RETAIL TRADE	50.1	47.9	46.9	47.7	48.7	49.5	50.1	50.3	50.6	51.0	51.5	52.7	54.1
General merchandise stores	7.2	7.3	6.9	6.8	6.9	7.0	7.0	7.0	7.0	7.2	7.2	7.7	8.1

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA, 1985[a] (Continued)
(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
FINANCE, INSURANCE, AND REAL ESTATE	10.2	9.8	9.8	9.8	9.9	10.1	10.3	10.3	10.4	10.4	10.4	10.6	10.7
Banking	3.4	3.4	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.6	3.6
SERVICES	61.2	58.7	58.9	59.5	60.9	61.5	61.2	61.2	61.7	62.5	62.7	62.8	62.9
Business services	10.8	10.1	10.1	10.2	10.1	10.3	10.6	10.9	11.2	11.3	11.3	11.4	11.5
Health services	24.4	24.1	24.0	24.0	24.2	24.3	24.5	24.6	24.7	24.7	24.8	24.7	24.8
GOVERNMENT	39.7	39.2	40.5	41.1	41.1	41.4	37.9	35.8	34.9	39.3	41.5	41.9	42.0
State government	14.3	14.0	15.2	15.6	15.5	15.4	11.8	11.4	11.1	13.9	15.7	15.9	15.6
State government education	10.4	10.2	11.4	11.8	11.6	11.6	7.9	7.5	7.2	10.0	11.9	12.1	11.8
State government, except education	3.8	3.8	3.8	3.8	3.9	3.8	3.9	3.9	3.9	3.9	3.8	3.8	3.9
Local government	23.0	22.9	22.9	23.2	23.1	23.5	23.6	21.8	21.2	22.9	23.3	23.5	23.7
Local government education	13.0	13.1	13.3	13.5	13.4	13.6	13.3	11.3	10.9	12.9	13.4	13.6	13.7
Local government, except education	10.0	9.7	9.7	9.7	9.7	9.9	10.3	10.5	10.3	10.0	9.9	9.9	10.0

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$12.29	$12.20	$12.23	$12.16	$12.12	$12.16	$12.18	$12.26	$12.33	$12.45	$12.51	$12.41	$12.45
Durable Goods[b]	12.77	12.75	12.66	12.64	12.57	12.60	12.64	12.67	12.90	13.03	12.93	12.86	12.94
Stone, clay, and glass products	12.46	11.97	12.02	12.04	12.33	12.18	12.26	12.27	12.54	12.75	12.96	13.08	13.17
Primary metal industries	10.93	10.77	10.68	10.62	10.70	10.69	10.76	10.77	11.21	11.24	11.17	11.23	11.33
Fabricated metal products	11.49	11.42	11.49	11.43	11.44	11.42	11.40	11.28	11.49	11.70	11.45	11.56	11.72
Metal forgings and stampings	13.11	12.90	12.91	13.04	13.16	13.09	12.95	12.92	13.07	13.21	13.03	13.43	13.51
Machinery, except electrical	10.63	10.62	10.55	10.48	10.45	10.47	10.65	10.69	10.49	10.59	10.82	10.86	10.89
Electric and electronic equipment	12.28	11.86	12.15	12.64	12.23	12.51	12.67	12.32	11.75	11.97	12.28	12.31	12.59
Transportation equipment	14.99	15.15	15.07	15.01	14.87	14.87	14.82	14.98	15.09	15.18	14.99	14.89	14.94
Motor vehicles and equipment	15.06	15.23	15.15	15.09	14.95	14.94	14.90	15.02	15.16	15.25	15.06	14.94	14.99
Nondurable Goods[c]	10.24	9.87	10.44	10.12	10.17	10.21	10.26	10.56	9.98	9.96	10.42	10.51	10.40
Food and kindred products	10.75	10.56	11.08	10.67	10.97	10.69	10.86	11.68	9.98	9.86	11.30	11.00	11.05
Rubber and misc. plastics products	7.96	7.50	8.08	7.94	8.03	8.00	7.97	7.85	8.11	7.95	7.99	8.09	8.04
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services ...	13.17	13.07	13.15	12.76	12.70	12.79	12.99	13.17	13.22	13.33	13.45	13.67	13.69
WHOLESALE TRADE	8.79	8.33	8.44	8.38	8.39	8.70	8.78	8.94	9.00	9.01	9.09	9.19	9.08
RETAIL TRADE[d]	5.41	5.55	5.61	9.56	5.47	5.50	5.45	5.34	5.33	5.31	5.29	5.29	5.31

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-4-7 (1985)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	42.6	43.4	41.5	42.7	41.9	42.2	42.5	42.2	43.1	43.1	43.0	42.8	43.2
Durable Goods[b]	43.0	44.0	41.7	43.1	42.1	42.7	42.7	42.4	43.5	43.6	43.5	43.3	43.8
Stone, clay, and glass products	42.5	41.3	41.0	40.9	41.6	41.9	42.2	41.6	43.3	43.1	44.0	44.8	45.1
Primary metal industries	45.3	47.6	44.9	45.3	47.7	43.7	43.1	43.8	46.1	46.0	43.8	44.4	47.4
Fabricated metal products	41.3	42.9	40.6	41.3	40.9	40.8	40.8	39.3	40.0	41.5	42.5	42.7	42.8
Metal forgings and stampings	42.5	43.8	41.8	42.2	43.0	41.9	42.6	40.4	40.9	42.7	41.6	44.4	44.4
Machinery, except electrical	41.6	40.9	41.3	41.4	41.2	40.9	41.7	41.7	41.7	41.9	42.0	41.6	42.8
Electric and electronic equipment	41.8	41.0	41.1	43.6	40.8	41.6	43.6	42.5	40.8	41.0	41.4	42.1	42.7
Transportation equipment	44.2	46.3	42.4	44.8	42.0	44.2	44.0	44.2	45.6	45.1	44.4	43.7	43.9
Motor vehicles and equipment	44.2	46.3	42.4	44.8	42.1	44.3	44.1	44.2	45.6	45.1	44.4	43.6	43.8
Nondurable Goods[c]	41.0	41.0	40.5	41.1	41.3	40.4	41.6	41.5	41.3	41.3	40.6	40.9	41.0
Food and kindred products	41.6	40.6	40.9	40.5	42.9	41.0	42.2	43.2	42.8	42.8	40.3	39.9	41.1
Rubber and misc. plastics products	39.8	40.8	38.5	41.4	42.8	39.1	41.1	37.8	40.6	39.2	38.9	39.3	38.6
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services ...	41.9	40.5	40.5	41.7	41.1	40.4	41.9	42.9	42.5	43.6	42.8	43.1	42.5
WHOLESALE TRADE	36.6	35.2	34.7	35.8	35.9	36.7	35.6	36.2	36.4	37.2	37.7	39.4	38.1
RETAIL TRADE	29.2	28.0	27.9	28.7	29.2	29.6	29.6	30.0	29.8	29.4	29.1	28.8	29.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-3-7 (1985)

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$523.55	$529.48	$507.55	$519.23	$507.83	$513.15	$517.65	$517.37	$531.42	$536.60	$537.93	$531.15	$537.84
Durable Goods[b]	549.11	561.00	527.92	544.78	529.20	538.02	539.73	537.21	561.15	568.11	562.46	556.84	566.77
Stone, clay, and glass products	529.55	494.36	492.82	492.44	512.93	510.34	517.37	510.43	542.98	549.53	570.24	585.98	593.97
Primary metal industries	495.13	512.65	479.53	481.09	510.39	467.15	463.76	471.73	516.78	517.04	489.25	498.61	537.04
Fabricated metal products	474.54	489.92	466.49	472.06	467.90	465.94	465.12	443.30	459.60	485.55	486.63	493.61	501.62
Metal forgings and stampings	557.18	565.02	539.64	550.29	565.88	548.47	551.67	521.97	534.56	564.07	542.05	596.29	599.84
Machinery, except electrical	442.21	434.36	435.72	433.87	430.54	428.22	444.11	445.77	437.43	443.72	454.44	451.78	466.09
Electric and electronic equipment	513.30	486.26	499.37	551.10	498.98	520.42	552.41	523.60	479.40	490.77	508.39	518.25	537.59
Transportation equipment	662.56	701.45	638.97	672.45	624.54	657.25	652.08	662.12	688.10	684.62	665.56	650.69	655.87
Motor vehicles and equipment	665.65	705.15	642.36	676.03	629.40	661.84	657.09	663.88	691.30	687.78	668.66	651.38	656.56
Nondurable Goods[c]	419.84	404.67	422.82	415.93	420.02	412.48	426.82	438.24	412.17	411.35	423.05	429.86	426.40
Food and kindred products	447.20	428.74	453.17	432.14	470.61	438.29	458.29	504.58	427.14	422.01	455.39	438.90	454.16
Rubber and misc. plastics products	316.81	306.00	311.08	328.72	343.68	312.80	327.57	296.73	329.27	311.64	310.81	317.94	310.34
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services	551.82	529.34	532.58	532.09	521.97	516.72	544.28	564.99	561.85	581.19	575.66	589.18	581.83
WHOLESALE TRADE	321.71	293.22	292.87	300.00	301.20	319.29	312.57	323.63	327.60	335.17	342.69	362.09	345.95
RETAIL TRADE[d]	157.97	155.40	156.52	159.57	159.72	162.80	161.32	160.20	158.83	156.11	153.94	152.35	158.24

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-2-7 (1985)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA, 1984[a]

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	257.0	250.0	251.5	252.7	254.3	257.2	257.0	252.2	254.0	261.3	264.5	264.0	264.8
MANUFACTURING	64.8	64.1	64.3	64.3	64.0	64.3	64.8	64.2	65.6	66.7	65.4	64.9	65.1
Durable Goods[b]	51.1	50.5	50.7	50.7	50.8	50.9	51.4	50.9	51.4	51.7	51.6	51.3	51.4
Stone, clay, and glass products	9.5	9.7	9.7	9.7	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.4	9.4
Primary metal industries	3.4	3.3	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.5	3.5	3.5	3.5
Fabricated metal products	7.8	7.4	7.5	7.6	7.6	7.8	7.9	8.0	8.0	8.1	8.0	8.0	8.0
Metal forgings and stampings	3.7	3.8	3.7	3.7	3.7	3.8	3.7	3.7	3.7	3.8	3.7	3.7	3.8
Machinery, except electrical	6.2	6.0	6.1	6.2	6.2	6.2	6.2	6.1	6.2	6.2	6.2	6.2	6.3
Electric and electronic equipment	3.3	3.4	3.5	3.4	3.4	3.4	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Transportation equipment	17.1	17.1	17.1	16.9	17.0	16.9	17.3	16.9	17.3	17.3	17.3	17.1	17.3
Motor vehicles and equipment	15.9	15.8	15.9	15.7	15.8	15.7	16.1	16.1	16.1	16.1	16.0	15.9	16.0
Nondurable Goods[c]	13.7	13.6	13.6	13.6	13.2	13.4	13.4	13.2	14.1	14.9	13.8	13.6	13.6
Food and kindred products	3.7	3.6	3.5	3.4	3.4	3.5	3.6	3.5	4.1	4.7	3.6	3.4	3.5
Rubber and misc. plastics products	2.8	2.7	2.8	2.8	2.9	2.9	2.8	2.8	2.8	2.9	2.9	2.9	2.9
NONMANUFACTURING[d]	192.2	185.8	187.2	188.4	190.3	192.9	192.2	188.0	188.5	194.6	199.1	199.1	199.8
CONSTRUCTION	7.9	6.8	6.5	6.6	6.9	7.5	7.8	8.2	8.4	8.7	10.2	9.0	8.4
TRANSPORTATION AND PUBLIC UTILITIES	14.2	13.7	13.9	14.0	14.2	14.4	14.3	14.5	14.5	14.3	14.3	14.2	14.2
Trucking and warehousing	5.6	5.3	5.4	5.5	5.6	5.7	5.6	5.6	5.7	5.6	5.6	5.6	5.7
Communication, electric, gas services	4.9	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.8	4.7	4.7
WHOLESALE TRADE	15.1	14.5	14.6	14.9	15.0	15.1	15.4	15.6	15.5	15.2	15.0	14.9	15.0
Wholesale trade-durable goods	10.2	9.7	9.9	10.2	10.2	10.3	10.5	10.7	10.6	10.3	10.1	10.0	10.1
RETAIL TRADE	47.5	45.6	45.1	45.3	45.8	46.9	47.3	47.5	47.9	48.3	48.9	50.3	51.2
General merchandise stores	7.2	7.4	6.8	6.7	6.7	6.9	7.0	7.0	7.1	7.4	7.4	8.2	8.4
FINANCE, INSURANCE, AND REAL ESTATE	9.7	9.6	9.6	9.6	9.6	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.9
Banking	3.3	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
SERVICES	58.7	57.3	57.4	57.8	58.2	58.6	58.8	58.3	58.8	59.6	59.9	59.7	59.8
Business services	9.8	9.1	9.1	9.2	9.4	9.5	9.9	9.8	9.9	10.1	10.3	10.5	10.5
Health services	24.1	24.0	24.0	24.1	24.1	24.0	24.2	24.2	24.1	24.1	24.1	24.1	24.1
GOVERNMENT	38.8	38.3	40.0	40.1	40.3	40.5	38.4	33.9	33.4	38.4	40.6	40.9	41.0
State government	13.9	13.2	14.9	15.0	14.9	14.8	13.1	11.2	10.6	13.4	15.2	15.3	15.1
State government education	10.0	9.4	11.0	11.1	11.0	10.9	9.2	7.2	6.7	9.5	11.4	11.5	11.3
State government, except education	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.0	3.9	3.8	3.8	3.8	3.8
Local government	22.5	22.7	22.8	22.7	23.0	23.3	22.9	20.4	20.3	22.6	23.0	23.0	23.3
Local government education	12.5	13.1	13.2	13.3	13.4	13.3	12.5	9.8	9.9	12.5	13.0	13.1	13.4
Local government, except education	10.0	9.6	9.6	9.5	9.6	10.0	10.4	10.6	10.5	10.2	10.0	9.9	9.9

Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4 18 86 RS-700-1-7 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA, 1983[a]

(in thousands)

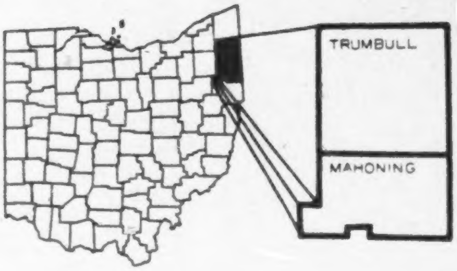
Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	245.3	240.0	238.0	236.9	240.2	244.1	242.2	241.9	242.3	252.1	253.7	255.6	256.1
MANUFACTURING	59.6	57.4	56.4	54.2	56.5	58.3	59.1	59.6	60.7	63.0	62.8	63.4	63.3
Durable Goods[b]	46.2	44.9	43.7	41.5	43.6	45.3	45.8	46.2	47.0	48.3	48.9	49.7	49.6
Stone, clay, and glass products	10.1	10.4	10.3	10.1	10.2	10.1	10.2	10.1	10.1	10.0	9.9	9.8	9.8
Primary metal industries	3.0	2.7	2.8	2.8	2.8	2.9	3.0	3.1	3.2	3.2	3.2	3.3	3.3
Fabricated metal products	6.6	6.0	6.1	6.1	6.4	6.7	6.6	6.5	6.7	6.9	7.1	7.1	7.1
Metal forgings and stampings	3.1	2.8	2.9	2.9	3.0	3.1	3.0	2.9	3.1	3.3	3.4	3.5	3.6
Machinery, except electrical	5.5	5.7	5.7	4.9[e]	5.1	5.5	5.5	5.7	5.5	5.6	5.5	5.6	5.7
Electric and electronic equipment	3.2	3.4	2.2[e]	2.2[e]	3.4	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4
Transportation equipment	14.3	13.2	13.3	12.0	12.4	13.4	13.6	13.8	14.5	15.6	16.2	16.9	16.7
Motor vehicles and equipment	13.1	12.0	12.1	10.8	11.2	12.2	12.4	12.6	13.3	14.4	15.0	15.7	15.5
Nondurable Goods[c]	13.4	12.5	12.7	12.7	12.9	13.0	13.3	13.5	13.8	14.7	13.9	13.7	13.7
Food and kindred products	3.8	3.4	3.5	3.6	3.5	3.6	3.8	3.8	3.9	4.7	4.0	3.7	3.7
Rubber and misc. plastics products	2.3	2.0	2.1	2.1	2.1	2.2	2.2	2.3	2.4	2.5	2.5	2.6	2.5
NONMANUFACTURING[d]	185.7	182.6	181.6	182.8	183.7	185.8	183.1	182.3	181.6	189.1	190.9	192.3	192.8
CONSTRUCTION	7.3	6.6	6.2	6.4	6.4	6.9	7.4	8.0	8.0	8.2	8.3	8.2	7.5
TRANSPORTATION AND PUBLIC UTILITIES	13.8	13.5	13.4	13.5	13.7	13.9	14.0	14.0	13.2	14.1	14.1	14.2	14.3
Trucking and warehousing	5.2	4.8	4.9	4.9	5.0	5.0	5.1	5.2	5.3	5.4	5.4	5.5	5.6
Communication, electric, gas services	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.0	4.1[e]	5.0	5.0	5.0	5.0
WHOLESALE TRADE	13.9	13.3	13.2	13.3	13.5	13.6	13.8	14.0	14.2	14.2	14.3	14.4	14.5
Wholesale trade-durable goods	9.1	8.6	8.6	8.7	8.8	8.8	8.9	9.1	9.2	9.3	9.4	9.5	9.7
RETAIL TRADE	44.6	43.3	42.1	42.4	43.2	43.8	43.8	44.5	45.2	45.6	45.9	47.0	48.2
General merchandise stores	6.8	6.6	6.1	6.1	6.2	6.2	6.3	6.4	6.8	7.1	7.2	7.8	8.2
FINANCE, INSURANCE, AND REAL ESTATE	9.5	9.2	9.2	9.3	9.4	9.5	9.5	9.5	9.6	9.6	9.6	9.5	9.6
Banking	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.3	3.3	3.3	3.3	3.3	3.3
SERVICES	57.8	57.2	57.2	57.5	57.5	57.9	58.0	57.9	58.0	58.5	58.4	58.0	57.8
Business services	8.7	8.5	8.4	8.5	8.3	8.5	8.5	9.0	9.1	9.1	8.9	8.8	8.8
Health services	24.2	24.1	24.1	24.1	24.0	24.1	24.3	24.2	24.3	24.3	24.3	24.3	24.2
GOVERNMENT	38.6	39.3	40.0	40.1	39.8	40.0	36.3	34.0	33.3	38.7	40.1	40.7	40.7
State government	13.6	14.0	14.5	14.5	14.6	14.4	11.3	11.1	10.7	13.5	14.8	14.8	14.9
State government education	9.7	10.0	10.6	10.6	10.7	10.5	7.3	7.1	6.7	9.6	10.9	11.0	11.0
State government, except education	3.9	4.0	3.9	4.0	4.0	3.9	4.0	4.0	4.0	4.0	3.9	3.8	3.9
Local government	22.6	22.9	23.1	23.2	22.8	23.2	22.6	20.5	20.3	22.8	22.9	23.4	23.3
Local government education	12.8	13.5	13.7	13.7	13.3	13.5	12.5	10.1	10.1	12.7	13.0	13.5	13.5
Local government, except education	9.8	9.4	9.4	9.4	9.5	9.7	10.1	10.3	10.2	10.1	9.9	9.8	9.8

---

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties, Ohio. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-27-86 RS-790-1-7 (1983)

YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA

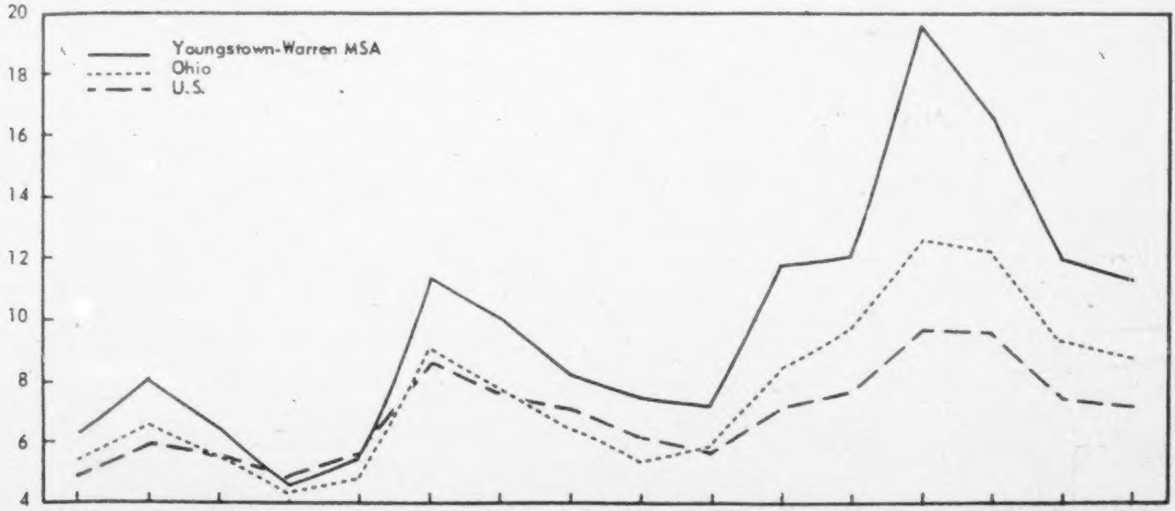


The estimated annual average civilian labor force, based on place of residence, decreased 2,000 from 1984 to a 1985 level of 220,100. Total employment also decreased, although at a slower rate, falling 700 to 195,200 for 1985 (see table, page 121). Although the employment levels are moving downward, unemployment is also decreasing with the number of unemployed dipping 1,300 to a 1985 level of 24,900. The unemployment rate slipped from 11.8 percent in 1984 to 11.3 percent in 1985.

Nonagricultural wage and salary employment in the Youngstown-Warren metropolitan area rose moderately in 1985, due largely to substantial increases in the number of nonmanufacturing jobs, especially in retail trade, services, construction, and wholesale trade. Manufacturing employment decreased from 55,100 in 1984 to 52,500 in 1985, a loss of 2,600 jobs. Two of the largest manufacturing industries in the Youngstown-Warren area had important losses over the year. Primary metals lost 2,000 workers; fabricated metals lost 300.

From 1983 to 1985 the Youngstown-Warren area had recovered only 17.6 percent of the nonagricultural wage and salary employment lost during the last economic downturn, 1979 to 1983. The improvement was due chiefly to increases in trade and construction. Manufacturing employment continued to decline during the 1983 to 1985 period, due largely to heavy losses in blast furnace and basic steel products.

YOUNGSTOWN-WARREN MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



CIVILIAN LABOR FORCE ESTIMATES (Absolute data in thousands)

Youngstown-Warren Metropolitan Statistical Area[a]

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Youngstown-Warren	Ohio	U.S.
1970	218.6	205.0	13.6	6.2	5.4	4.9
1971	225.1	207.1	18.0	8.0	6.5	5.9
1972	226.9	212.1	14.8	6.5	5.5	5.6
1973	232.5	221.8	10.8	4.6	4.3	4.9
1974	236.7	223.7	13.0	5.5	4.8	5.6
1975	236.7	209.8	26.9	11.4	9.1	8.5
1976	234.2	210.5	23.7	10.1	7.8	7.7
1977	234.0	215.0	19.0	8.1	6.5	7.1
1978	235.2	217.5	17.7	7.5	5.4	6.1
1979	237.1	219.9	17.1	7.2	5.9	5.8
1980	238.9	210.5	28.4	11.9	8.4	7.1
1981	234.0	205.7	28.2	12.1	9.6	7.6
1982	237.0	190.3	46.6	19.7	12.5	9.7
1983	225.6	188.1	37.5	16.6	12.2	9.6
1984	222.2	195.9	26.3	11.8	9.4	7.5
1985	220.1	195.2	24.9	11.3	8.9	7.2

[a] These data are estimates based on place of residence.

[b] Unemployment as percentage of civilian labor force.

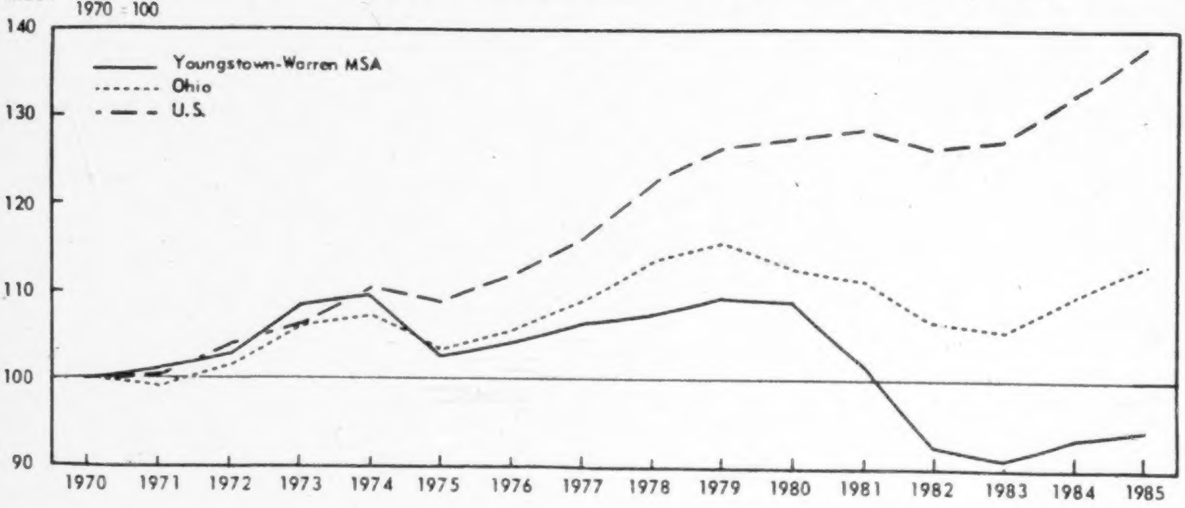
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES IN THE YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA 1979, 1983, and 1985

Industry	Employment (in thousands)			Employment Change		Percent Recovery	
	1979	1983	1985	1979-1983	1983-1985	Youngstown-Warren	Ohio
TOTAL	213.9	177.5	183.9	-36.4	6.4	17.6	72.9
MANUFACTURING	79.9	52.8	52.5	-27.1	-0.3	-	18.1
Durable Goods	73.9	47.7	47.3	-26.2	-0.4	-	17.7
Primary metal industries	35.7	22.4	20.8	-13.3	-1.6	-	-
Blast furnace & basic steel products	20.9	9.0	7.0	-11.9	-2.0	-	-
Fabricated metal products	9.7	7.7	7.9	-2.0	0.2	10.0	20.1
Transportation equipment	13.7	8.3	8.9	-5.4	0.6	11.1	58.2
Nondurable Goods	6.0	5.0	5.2	-1.0	0.2	20.0	19.5
CONSTRUCTION	7.0	4.8	6.3	-2.2	1.5	68.2	44.7
TRANSPORTATION AND PUBLIC UTILITIES	10.1	7.6	7.5	-2.5	-0.1	-	11.9
WHOLESALE TRADE	8.1	7.7	8.8	-0.4	1.1	275.0	233.0
RETAIL TRADE	38.5	34.3	36.7	-4.2	2.4	57.1	251.0
FINANCE, INSURANCE, AND REAL ESTATE	7.0	7.1	7.4	0.1	0.3	+	+
SERVICES	37.2	38.9	41.0	1.7	2.1	+	+
GOVERNMENT	25.6	23.6	22.8	-2.0	-0.8	-	48.0

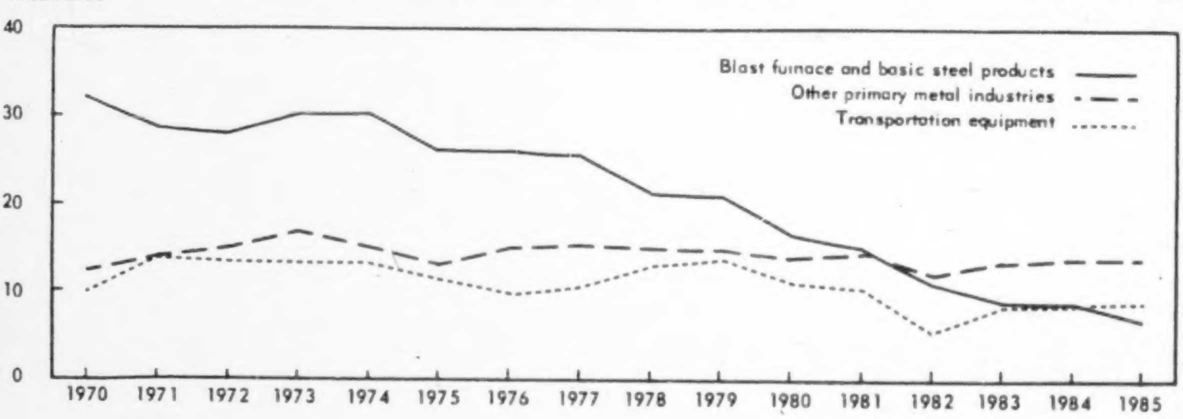
+ No downturn, 1979-1983

- No upturn, 1983-1985

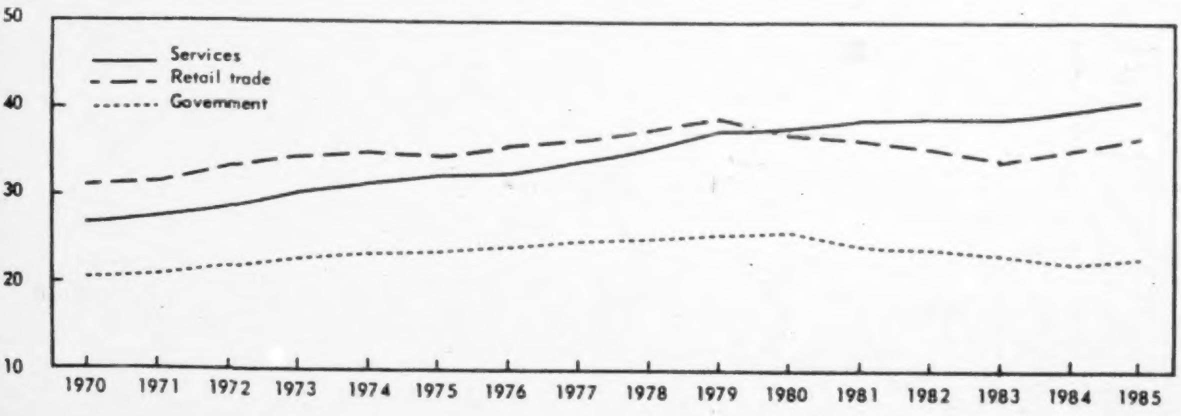
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



YOUNGSTOWN-WARREN MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)

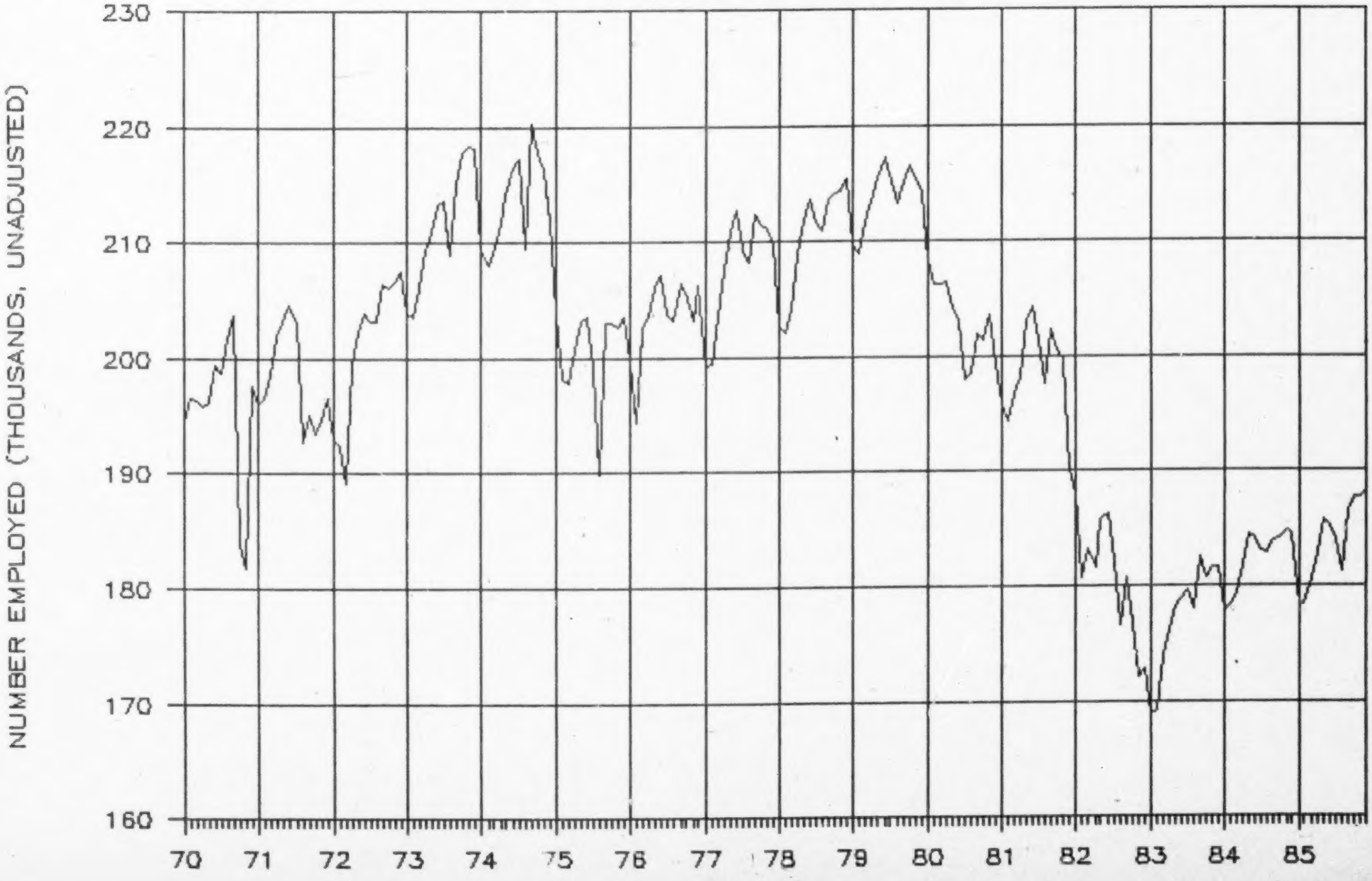


YOUNGSTOWN-WARREN MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)



YOUNGSTOWN-WARREN MSA

TOTAL NONAGRICULTURAL EMPLOYMENT



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA, 1985[a]
(in thousands)

Industry	Annual Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	183.9	178.2	178.5	180.5	182.9	185.7	185.2	184.0	181.3	186.5	187.8	187.7	188.3
MANUFACTURING	52.5	52.6	52.5	53.0	52.9	52.8	52.8	52.3	49.4	53.2	53.3	52.7	52.9
Durable Goods[b]	47.3	47.4	47.4	47.8	47.7	47.7	47.8	47.1	44.2	47.9	48.0	47.3	47.7
Primary metal industries	20.8	21.0	20.8	21.1	21.1	20.9	20.9	20.8	20.3	20.5	20.8	20.6	20.9
Blast furnace and basic steel products	7.0	7.0	7.1	7.4	7.2	7.3	7.3	7.2	6.6	6.4	6.8	6.7	6.7
Fabricated metal products	7.9	7.9	8.0	8.0	8.0	8.1	8.1	7.7	7.7	7.8	7.7	7.7	7.7
Machinery, except electrical	3.9	3.9	4.0	4.0	4.1	4.1	4.2	4.1	3.8	3.7	3.7	3.4	3.4
Electric and electronic equipment	2.6	2.8	2.7	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Transportation equipment	8.9	8.6	8.6	8.6	8.7	8.8	8.8	8.8	6.4	9.9	9.8	9.7	9.9
Nondurable Goods[c]	5.2	5.2	5.1	5.2	5.2	5.1	5.0	5.2	5.2	5.4	5.4	5.4	5.2
NONMANUFACTURING[d]	131.3	125.6	126.0	127.5	130.1	132.9	132.4	131.7	131.9	133.2	134.5	135.0	135.4
CONSTRUCTION	6.3	4.8	4.5	4.9	5.6	6.3	6.9	7.3	7.6	7.4	7.4	7.0	6.5
TRANSPORTATION AND PUBLIC UTILITIES	7.5	7.3	7.4	7.4	7.5	7.6	7.6	7.5	7.1[e]	7.6	7.7	7.6	7.6
Communication, electric, gas services	3.1	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0
WHOLESALE TRADE	8.8	8.3	8.3	8.4	8.6	8.7	8.8	8.9	9.0	9.0	9.0	9.1	9.1
Wholesale trade-durable goods	5.8	5.5	5.5	5.5	5.7	5.8	5.9	5.9	6.0	6.0	6.1	6.1	6.1
RETAIL TRADE	36.7	34.9	34.3	34.8	36.0	36.7	37.0	37.1	37.5	37.5	37.5	38.1	38.9
General merchandise stores	5.9	6.2	5.8	5.7	5.7	5.7	5.7	5.7	5.8	5.8	5.9	6.2	6.4
FINANCE, INSURANCE, AND REAL ESTATE	7.4	7.2	7.2	7.2	7.3	7.4	7.5	7.5	7.5	7.5	7.5	7.4	7.5
Banking	2.5	2.5	2.5	2.4	2.5	2.5	2.5	2.5	2.6	2.6	2.5	2.5	2.5
SERVICES	41.0	39.4	39.8	40.3	40.9	41.6	41.8	41.8	41.7	41.7	41.3	41.2	41.1
Health services	18.0	18.0	18.0	18.1	18.1	18.2	18.2	18.0	17.9	18.0	17.8	17.8	17.9
GOVERNMENT	22.8	23.0	23.7	23.8	23.4	23.8	22.0	20.9	20.8	21.7	23.3	23.8	24.0
State government	3.7	3.6	4.1	4.2	3.8	4.1	4.0	3.1	3.1	2.6	3.7	4.1	4.1
State government education	2.2	2.2	2.7	2.7	2.3	2.7	2.5	1.5	1.5	1.1	2.2	2.7	2.6
State government, except education	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.4	1.5
Local government	17.2	17.5	17.6	17.7	17.6	17.8	16.0	15.8	15.7	17.2	17.7	17.7	17.8
Local government education	10.8	11.2	11.4	11.5	11.3	11.4	9.4	9.1	9.1	10.8	11.4	11.4	11.4
Local government, except education	6.4	6.3	6.2	6.3	6.3	6.3	6.6	6.7	6.6	6.4	6.3	6.3	6.4

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [c] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 [illegible]-790-1-8 (1985)

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$13.24	$13.30	$13.05	$13.03	$13.04	$13.30	$13.17	$13.31	$12.90	$13.10	$13.28	$13.47	$13.87
Durable Goods[b]	13.59	13.63	13.38	13.38	13.37	13.62	13.49	13.66	13.27	13.47	13.67	13.85	14.24
Primary metal industries	14.18	14.01	14.17	14.13	14.11	14.08	14.28	14.34	14.23	14.25	14.16	14.16	14.31
Blast furnace and basic steel products.	13.36	13.22	13.27	13.34	13.41	13.32	13.31	13.57	13.32	13.32	13.41	13.48	13.52
Fabricated metal products	13.71	13.82	13.56	13.68	13.79	13.74	13.87	13.79	13.19	13.34	13.69	13.85	14.16
Machinery, except electrical	11.48	11.31	11.53	11.51	11.46	11.47	11.42	11.36	11.41	11.40	11.49	11.71	11.70
Electric and electronic equipment	10.35	10.42	10.76	10.49	10.54	10.34	10.17	10.12	10.31	10.09	10.23	10.23	10.42
Transportation equipment	15.01	15.16	14.24	14.38	14.18	15.17	14.50	14.93	14.61	14.80	15.23	15.60	16.44
Nondurable Goods[c]	9.12	9.25	8.98	8.94	9.10	9.40	9.18	9.14	9.06	9.18	8.93	9.10	9.24
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services ...	12.55	12.23	12.28	12.25	12.27	12.27	12.36	12.53	12.76	12.84	13.01	12.95	12.90
WHOLESALE TRADE	8.34	8.27	8.27	8.21	8.14	8.32	8.33	8.21	8.21	8.36	8.51	8.61	8.61
RETAIL TRADE[d]	5.63	5.65	5.68	5.64	5.64	5.58	5.61	5.63	5.64	5.64	5.63	5.60	5.61

---

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [c] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-2-86 RS-790-4-8 (1985)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	43.1	44.0	42.3	42.9	42.3	43.6	42.8	42.8	41.5	42.2	44.4	44.5	44.3
Durable Goods[b]	43.5	44.5	42.6	43.2	42.6	44.0	43.1	43.2	41.8	42.4	44.7	44.8	44.6
Primary metal industries	41.2	42.1	41.4	41.9	41.3	41.3	41.9	41.1	40.3	40.8	40.3	40.5	41.0
Blast furnace and basic steel products	37.2	38.3	37.1	37.9	37.3	38.6	38.1	38.5	36.6	35.7	35.8	36.2	36.1
Fabricated metal products	42	43.3	43.1	43.4	43.6	43.1	43.2	42.9	41.2	40.7	42.1	42.5	44.3
Machinery, except electrical	41.3	39.9	42.3	42.0	41.1	41.1	40.5	40.5	40.8	40.5	41.6	42.6	42.9
Electric and electronic equipment	39.1	37.9	39.3	41.1	41.1	38.2	39.6	36.4	39.0	38.1	40.2	40.4	38.3
Transportation equipment	51.8	55.8	46.5	47.5	46.5	54.8	48.3	52.3	48.6	48.9	58.0	57.1	54.6
Nondurable Goods[c]	39.5	38.8	39.4	39.3	39.0	39.5	39.5	38.1	39.1	39.6	40.7	41.0	40.3
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	40.8	40.1	40.3	40.1	40.6	40.4	41.1	41.0	40.8	41.1	41.5	41.4	41.3
WHOLESALE TRADE	37.5	37.6	38.1	38.1	37.1	36.9	37.7	37.2	37.2	37.7	37.8	37.5	37.2
RETAIL TRADE	29.2	28.4	28.1	28.7	28.8	29.8	29.6	29.8	29.7	29.3	29.3	28.9	29.9

Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [c] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-2-86 RS-790-3-8 (1985)

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$570.64	$585.20	$552.02	$558.99	$551.59	$579.88	$563.68	$569.67	$535.35	$552.82	$589.63	$599.42	$614.44
Durable Goods[b]	591.17	606.54	569.99	578.02	569.56	599.28	581.42	590.11	554.69	571.13	611.05	620.[illegible]	635.10
Primary metal industries	584.22	589.82	586.64	592.05	582.74	581.50	598.33	589.37	573.47	581.40	570.65	573.48	586.71
Blast furnace and basic steel products.	496.99	506.33	492.32	505.59	496.46	514.15	507.11	522.45	487.51	475.52	480.08	487.98	488.07
Fabricated metal products	586.79	598.41	584.44	593.71	601.24	592.19	599.18	591.59	543.43	542.94	576.35	588.63	627.29
Machinery, except electrical	474.12	451.27	487.72	483.42	471.01	471.42	462.51	460.08	465.53	461.70	477.98	498.85	501.93
Electric and electronic equipment	404.69	394.92	422.87	431.14	433.19	394.99	402.73	368.37	402.09	384.43	411.25	413.29	399.09
Transportation equipment	777.52	845.93	662.16	683.05	659.37	831.32	700.35	780.84	710.05	723.72	883.34	890.76	897.62
Nondurable Goods[c]	360.24	358.90	353.81	351.34	354.90	371.30	362.61	348.23	354.25	363.53	363.45	373.10	372.37
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services ...	512.04	490.42	494.88	491.23	498.16	495.71	508.00	513.73	520.61	527.72	539.92	536.13	532.77
WHOLESALE TRADE	312.75	310.95	315.09	312.80	301.99	307.01	314.04	305.41	305.41	315.17	321.68	322.88	320.29
RETAIL TRADE[d]	164.40	160.46	159.61	161.87	162.43	166.28	166.06	167.77	167.51	165.25	164.96	161.84	167.74

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [c] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-2-86 RS-790-2-8 (1985)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA, 1984[a]

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	182.5	177.9	178.4	179.4	181.9	184.5	184.2	183.1	182.9	183.9	184.2	184.8	184.5
MANUFACTURING	55.1	54.9	55.1	55.5	56.2	56.1	55.8	55.5	54.8	54.4	54.3	54.5	54.0
Durable Goods[b]	49.8	49.8	50.0	50.4	51.0	50.9	50.5	50.2	49.4	49.0	48.9	49.1	48.6
Primary metal industries	22.8	23.6	23.8	23.4	23.5	23.4	23.6	23.2	22.0	21.5	21.4	21.8	21.9
Blast furnace and basic steel products	8.8	9.6	9.8	9.5	9.6	9.5	9.6	9.4	8.4	7.6	7.5	7.8	7.9
Fabricated metal products	8.2	8.0	7.9	8.1	8.2	8.2	8.3	8.3	8.4	8.4	8.4	8.4	8.2
Machinery, except electrical	4.0	3.6	3.8	4.2	4.4	4.4	3.9	3.9	3.9	3.9	3.9	3.8	3.8
Electric and electronic equipment	2.7	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8
Transportation equipment	8.8	8.8	8.8	8.8	8.7	8.8	8.7	8.7	8.8	8.7	8.8	8.7	8.7
Nondurable Goods[c]	5.3	5.1	5.1	5.2	5.2	5.2	5.3	5.3	5.4	5.5	5.4	5.4	5.2
NONMANUFACTURING[d]	127.4	123.0	123.3	123.9	125.6	128.4	128.3	127.6	128.1	129.5	129.8	130.3	130.4
CONSTRUCTION	5.5	4.2	4.2	4.2	4.8	5.4	6.0	6.4	6.8	6.6	6.4	6.0	5.6
TRANSPORTATION AND PUBLIC UTILITIES	7.7	7.6	7.6	7.7	7.8	7.8	7.8	7.8	7.7	7.9	7.8	7.6	7.6
Communication, electric, gas services	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1
WHOLESALE TRADE	8.2	7.8	7.8	8.0	8.0	8.2	8.3	8.4	8.5	8.5	8.4	8.4	8.5
Wholesale trade-durable goods	5.5	5.2	5.2	5.3	5.3	5.4	5.5	5.5	5.7	5.6	5.6	5.6	5.6
RETAIL TRADE	35.3	34.5	33.9	34.2	34.8	35.2	35.6	35.4	35.7	35.5	35.4	36.1	36.9
General merchandise stores	6.0	6.2	5.9	5.8	5.8	5.8	5.8	5.9	6.0	6.0	6.1	6.5	6.7
FINANCE, INSURANCE, AND REAL ESTATE	7.2	7.0	7.0	7.1	7.1	7.2	7.3	7.3	7.3	7.3	7.2	7.2	7.2
Banking	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
SERVICES	40.1	38.5	38.7	38.9	39.5	40.3	40.6	41.0	40.9	41.2	40.7	40.5	40.4
Health services	17.8	17.8	17.8	17.8	17.7	17.6	17.8	17.9	17.9	17.9	17.9	18.0	18.0
GOVERNMENT	22.6	22.8	23.3	23.3	23.1	23.6	22.1	20.5	20.5	21.8	23.2	23.7	23.6
State government	3.7	3.6	4.1	4.1	3.7	4.1	4.0	3.1	3.0	3.0	3.7	4.2	4.1
State government education	2.3	2.2	2.7	2.7	2.3	2.7	2.5	1.6	1.5	1.6	2.3	2.7	2.6
State government, except education	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4	1.5
Local government	17.0	17.3	17.4	17.4	17.6	17.7	16.2	15.5	15.5	16.9	17.6	17.6	17.5
Local government education	10.6	11.0	11.2	11.1	11.2	11.2	9.4	8.8	8.9	10.4	11.2	11.3	11.2
Local government, except education	6.4	6.2	6.2	6.3	6.3	6.5	6.8	6.7	6.5	6.5	6.4	6.3	6.4

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [c] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-18-86 RS-790-1-8 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA, 1983[a]
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	177.5	168.8	169.2	173.9	176.2	178.2	178.9	179.6	178.0	182.6	180.8	181.7	181.6
MANUFACTURING	52.8	47.8	48.7	52.0	52.6	52.8	53.2	53.8	53.4	54.9	54.3	54.9	54.6
Durable Goods[b]	47.7	43.0	44.0	47.2	47.7	47.9	48.2	48.8	48.2	49.7	49.0	49.7	49.5
Primary metal industries	22.4	20.0	21.0	21.9	22.1	22.1	22.2	22.5	23.0	23.1	23.1	23.9	23.5
Blast furnace and basic steel products	9.0	7.9	8.3	9.1	9.2	9.0	8.8	9.1	9.6	9.2	9.2	9.9	9.6
Fabricated metal products	7.7	7.1	7.3	7.3	7.5	7.5	7.7	7.9	8.0	8.0	7.9	7.9	7.9
Machinery, except electrical	3.7	4.1	4.0	3.9	3.8	3.8	3.8	3.8	3.5	3.5	3.3	3.4	3.4
Electric and electronic equipment	2.6	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
Transportation equipment	8.3	5.9	6.1	8.5	8.5	8.6	9.0	9.0	8.0	9.2	8.6	8.5	9.0
Nondurable Goods[c]	5.0	4.8	4.7	4.8	4.9	4.9	5.0	5.0	5.2	5.3	5.3	5.3	5.1
NONMANUFACTURING[d]	124.7	121.0	120.4	121.9	123.6	125.4	125.7	125.8	124.6	127.7	126.5	126.8	127.0
CONSTRUCTION	4.8	3.7	3.4	3.7	4.4	4.8	5.2	5.5	5.7	5.7	5.7	5.4	4.8
TRANSPORTATION AND PUBLIC UTILITIES	7.6	7.2	7.3	7.5	7.5	7.6	7.6	7.8	7.1	7.8	7.8	7.7	7.9
Communication, electric, gas services	3.2	3.3	3.2	3.2	3.3	3.3	3.3	3.3	2.8[e]	3.3	3.2	3.2	3.2
WHOLESALE TRADE	7.7	7.3	7.3	7.4	7.6	7.7	7.8	7.9	7.9	7.9	7.8	7.8	7.8
Wholesale trade-durable goods	5.1	4.8	4.8	4.9	5.0	5.1	5.2	5.3	5.3	5.3	5.2	5.2	5.2
RETAIL TRADE	34.3	33.1	32.4	32.9	33.7	34.2	34.5	34.7	34.8	34.9	34.9	35.6	36.4
General merchandise stores	6.1	6.3	5.9	5.9	6.0	6.0	6.1	6.0	5.9	6.0	6.1	6.5	6.8
FINANCE, INSURANCE, AND REAL ESTATE	7.1	7.0	7.0	7.1	7.1	7.1	7.2	7.3	7.2	7.2	7.0	7.1	7.1
Banking	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.5	2.5
SERVICES	38.9	37.7	37.7	38.0	38.5	38.9	39.3	39.9	39.6	40.6	39.1	38.7	38.8
Health services	17.6	17.5	17.5	17.5	17.5	17.4	17.5	17.6	17.6	17.6	17.6	17.6	17.7
GOVERNMENT	23.6	24.1	24.7	24.7	24.1	24.5	23.4	22.0	21.6	23.0	23.6	23.8	23.7
State government	3.7	3.6	4.0	4.1	3.8	4.0	3.9	3.2	3.1	3.2	3.7	4.0	4.2
State government education	2.2	2.0	2.5	2.5	2.2	2.5	2.4	1.6	1.5	1.7	2.3	2.6	2.7
State government, except education	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.4	1.4	1.5
Local government	18.0	18.7	18.9	18.8	18.5	18.5	17.6	17.0	16.7	17.9	18.0	18.0	17.6
Local government education	11.2	11.9	12.2	12.1	11.7	11.7	10.4	9.7	9.6	11.0	11.3	11.5	11.1
Local government, except education	6.8	6.8	6.7	6.7	6.8	6.8	7.2	7.2	7.1	6.9	6.7	6.5	6.5

---

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [c] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 9-27-86 RS-790-1-8 (1983)

SEASONAL ADJUSTMENT OF OHIO INDUSTRY EMPLOYMENT DATA

— Daniel Meaney, Statistician

Many economic time series are affected by regular intrayearly seasonal trends such as weather, school attendance, and peak shopping periods. In many industries, the effects of such seasonal patterns can be large enough to distort the short-term movement of the data series. The purpose of the seasonal adjustment process is to isolate and remove these regularly-recurring seasonal effects, making interpretation of underlying economic trends more accurate.

In the January 1986 issue of the *Labor Market Review*, the Ohio Bureau of Employment Services began publishing seasonally adjusted industry employment data from the Current Employment Statistics Survey and civilian labor force data from the Current Population Survey. In each month's *Labor Market Review* the previous 25 months of seasonally adjusted data is being reported for Total Nonagricultural Wage and Salary Employment, for the goods producing and service producing subcategories, for Manufacturing, and for the following major industry groupings:

- Mining
- Construction
- Durable-Goods Manufacturing
- Nondurable-Goods Manufacturing
- Transportation and Public Utilities
- Wholesale Trade
- Retail Trade
- Finance, Insurance, and Real Estate
- Services
- Government

Primarily for reasons of accuracy and consistency, the LMI staff has made every effort to follow the methodology and standards which the Bureau of Labor Statistics (BLS) utilizes in the seasonal adjustment of economic time series it publishes, including statewide labor force data for Ohio. Since 1980, BLS has used the "X-11 ARIMA" methodology in seasonally adjusting national-level establishment data. The following are some of the major features of seasonal adjustment methodology followed by LMI:

1) The most recent ten full calendar years of unadjusted employment data are used to develop seasonal adjustment models. All series are adjusted using multiplicative models under X-11 ARIMA.

2) Seasonal adjustment factors are applied directly only to the ten industry groupings listed above. Seasonally adjusted employment data for Manufacturing, Nonmanufacturing, and Total Nonagricultural wage and Salary Employment are derived by aggregating the adjusted data from the appropriate subcategories. Seasonally adjusted data for industries below the levels listed above, and for metropolitan areas, are not yet available.

3) Seasonally adjusted estimates are subject to a greater margin of error than the original estimates on which they are based, since the data are subject not only to sampling errors but also to uncertainties in the adjustment process. Due to this lack of precision, the adjusted data will be rounded to the nearest thousand prior to publication, while unadjusted data are rounded to the nearest hundred. Annual averages will continue to be based on unrounded, nonseasonally adjusted estimates.

Each January, seasonal adjustment models are recalculated with the addition of the most recent year's data and the exclusion of the earliest year's data. The adjustment factors for the succeeding twelve months, as well as revised estimates for the seasonally adjusted employment data for the previous five years, result from this reestimation.

The seasonal adjustment factors for the calendar year ahead will be published each year in the January issue of the *Review*. The estimation and publication of year-ahead factors is consistent with the practice of the Bureau of Labor Statistics in the adjustment of national industry data (see the June 1985 issue of *Employment and Earnings*).

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	41
Manufacturing	60
Nonmanufacturing	35
Mining	50
Construction	20
Transportation and Public Utilities	43
Wholesale Trade	19
Retail Trade	21
Finance, Insurance, and Real Estate	44
Services and Miscellaneous	24
Government	70

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1985 benchmark. Employment data for 1985 will be revised at the next benchmark.

Seasonally Adjusted Estimates

To facilitate interpretation of underlying economic trends, Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed. For methodology, see January 1986 issue.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow.

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

If you do NOT wish to continue receiving this publication, please check here ☐ and return this cover to the address below. If your address has changed, please indicate change and return this cover to the address below.

This periodical is published monthly by the Ohio Bureau of Employment services in cooperation with the U.S. Department of Labor. For further information contact Dixie Sommers, Director, Labor Market Information Division at (614) 466-8806

A WORKING OHIO
the heart of it all

Ohio Bureau Of Employment Services
Labor Market Information Division
145 South Front Street
P.O. Box 1618
Columbus, Ohio 43216

OFFICIAL BUSINESS
Penalty for private use $300

First-Class Mail
Postage and Fees Paid
Employment Security Mail
Lab 441

RS/F
MS. CHERYL WALDMAN
SRI ACQUISITIONS
CONGRESSIONAL INFO. SVS. INC.
4520 EAST-WEST HIGHWAY
BETHESDA MD 20814

5/20/86 SC270-1

Ohio
Labor
Market
Information

Labor Market Review

March 1986

Summary. The seasonally adjusted unemployment rate in Ohio dropped from 8.7 percent in February to 7.4 percent in March, its lowest level since March 1980. Total employment advanced 29,000 to a new high of 4,919,000, according to the monthly household survey. The number of unemployed workers in Ohio dropped sharply over the month, from 467,000 in February to 392,000 in March. The civilian labor force was down from 5,357,000 in February to 5,311,000 in March. The U.S. seasonally adjusted unemployment rate, at 7.2 percent in March 1986, was little changed from the February rate of 7.3 percent. Seasonally adjusted nonagricultural wage and salary employment rose 3,000 from February, to 4,485,000 in March, according to the latest employer survey. (See page 3.)

Factory Employment. Ohio manufacturing employment lost ground again in March 1986. Seasonally adjusted factory employment declined from 1,127,000 in February 1986 to 1,118,000 in March. Most of the change occurred in durable-goods industries.

Nonmanufacturing. Increases of 4,000 jobs in retail trade and in services accounted for most of the improvement—from 3,356,000 in February to 3,366,000 in March—in seasonally adjusted nonmanufacturing employment in Ohio. Slight increases in employment were also reported in government, wholesale trade, and finance, insurance, and real estate.

Over the Year. Ohio's civilian labor force rose 3.3 percent, or 168,000 workers, between March 1985 and March 1986. Total employment jumped 246,000, or 5.3 percent, as the number of unemployed workers was reduced by 78,000. The statewide unemployment rate fell from 9.1 percent of the civilian labor force in March 1985 to 7.4 percent in March 1986. The national rate, at 7.2 percent, was down fractionally over the year. The increase of 142,000, or 3.3 percent, in nonagricultural wage and salary employment during the period was concentrated in nonmanufacturing, especially in services and retail trade. Losses in durable goods reduced manufacturing employment by 11,000, to 1,118,000, from March 1985 to March 1986. Employment in mining declined slightly over the year. All other divisions evidenced slight-to-moderate increases.

Factory Hours and Earnings. In March 1986, Ohio factory production workers averaged $489.83 for a workweek of 42.3 hours, up $ 1.15 and .1 hours from February. Wage rate increases and stepped-up overtime lifted hours and earnings in fabricated metal products, nonelectrical machinery, printing and publishing, and chemicals and allied products. Cutbacks in overtime reduced averages, however, in paper and allied products, transportation equipment, and primary metals.

Benefits and Costs. There were 56,732 initial claims filed under the Ohio Unemployment Compensation Law in March 1986, down 11.1 percent from February and down 3.2 percent from March 1985. The average weekly number of benefit recipients fell from 136,532 in February,

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

to 134,531 in March. The average benefit check of $150.71 was $.45 higher than in February. Total benefits paid in March were $81.0 million, down .4 percent from last month. At the end of March, there were 191,556 active employer accounts.

Employment Service. The Ohio Bureau of Employment Services served 47,262 new job applicants in March, up 6.8 percent from February. Employers reported 10,918 new job openings, up 17.7 percent. The Employment Services Division made 22,824 job referrals and 5,167 placements.

BANK ON OBES

Are you having difficulty locating the workers you need? You might be able to solve this problem by putting your job openings in the National Job Bank System through the Ohio Bureau of Employment Services (OBES).

A few facts about the National Job Bank System:

* It is part of the largest computerized network of job openings in the United States.
* It operates on three levels to fill your need for workers: locally, statewide and interstate-wide.
* It can provide national exposure of your job order without cost to you.

For further information, contact your nearest OBES office.

In This Issue

	Page
Summary	1-2
Gramm-Rudman-Hollings and LMI	3-4
Seasonally Adjusted Series	
Current Data	5
Historical Data	6
Graphs	7
Seasonally Unadjusted Series	
Historical Data	8-11
Current Data	12-15
Metropolitan Area Statistics	16-47
Technical Notes	48
Employment Security Activities	49
Unemployment Insurance Activities	49

GRAMM-RUDMAN-HOLLINGS AND LABOR MARKET INFORMATION

Dixie Sommers, Director

As with nearly all other federally funded programs, part of the labor market information program in the United States has fallen to the ax of the Balanced Budget and Emergency Deficit Control Act, commonly known as "Gramm-Rudman-Hollings." This Act requires across-the-board cuts beginning in March 1986 to meet the projected federal deficit target for Federal Fiscal Year 1986.

These cuts include the labor market information programs of the Ohio Bureau of Employment Services funded by the Bureau of Labor Statistics, including the programs which provide the data published in the *Labor Market Review.* The impact of Gramm-Rudman-Hollings on Ohio's programs is described below so that *Review* subscribers may understand the problems in maintaining funding for these data.

The Bureau of Labor Statistics (BLS) supports four OBES programs:

- **Current Employment Statistics** - the monthly employer survey providing employment, hours, and earnings data issued in the *Review* for Ohio and its eight large metropolitan areas,
- **Local Area Unemployment Statistics** - providing the metropolitan area labor force data published in the *Review* and the county data issued in the monthly *Labor Force Estimates* publication,
- **Occupational Employment Statistics** - an employer survey providing information on the occupational composition of non-farm wage and salary jobs in Ohio, and
- **Covered Employment and Wages** - providing basic employment and payroll data on employers covered by Ohio's unemployment compensation law.

The BLS responded to the Gramm-Rudman-Hollings cuts by requiring the states to drop certain activities in the first three programs. Cuts in the Covered Employment and Wages program were absorbed at the national level.

In the Current Employment Statistics survey, a 4.3 percent cut was made by reducing the number of metropolitan areas for which BLS funds the cost of preparing the estimates and publishing the results. *In Ohio, this means that, for the remainder of FY 1986, BLS no longer funds the preparation and publication of employment, hours, and earnings data for the Youngstown-Warren and Canton areas.* These cuts were implemented despite the fact that Youngstown-Warren and Canton are among the largest metropolitan statistical areas in the six states in the midwest region (see Table). Youngstown-Warren ranks 16th among the 56 areas in the region for which Current Employment Statistics data were published in 1985. Canton ranks 20th.

Because of the importance of these two areas to the Ohio economy, the Administrator of OBES requested alternative funding to support continued preparation and publication of their data. This funding was approved by the Ohio Unemployment Compensation Advisory Commission, and will allow the content of the *Review* to remain unchanged. However, data for these two Ohio areas will no longer appear in the national publications and the electronic data files of the BLS. These two areas will likely be excluded from consideration by users who are comparing metropolitan areas for market analysis, plant location studies, and similar applications.

In the Local Area Unemployment Statisties program, a 3.0 percent cut resulted in deleting the regularly scheduled end-of-year revision of 1983 data for counties and metropolitan areas. The revisions of 1984 and 1985 data were conducted, including the introduction of 1980 Census data on commuting patterns beginning with labor force estimates for 1984. The quality of the 1983 estimates and their comparability with later data are compromised, especially for areas in which commuting patterns changed significantly between 1970 and 1980.

Finally, in the Occupational Employment Statistics program, BLS cut funding by 10.3 percent and will only support the collection of statewide data for two-digit Standard Industrial Classification categories rather than for the three-digit categories. For example, in the 1986 survey of manufacturing, BLS will fund collecting occupational data for Transportation Equipment Manufacturing (SIC 37) rather than for its components such as Motor Vehicles and Equipment (SIC 371) or Aircraft and Parts (SIC 372). OBES has secured additional funding to allow the collection of data at the three-digit level in 1986.

The impact of Gramm-Rudman-Hollings described above deals only with cuts made in FY 1986. Some of these cuts may be restored in the federal budget for FY 1987; some may not be restored. And, of course, the impact of Gramm-Rudman-Hollings may be greater in the future. The effect of these federal actions on Ohio's labor market information program will be noted in the *Review* as they occur.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN METROPOLITAN STATISTICAL AREAS OF BLS REGION V

Ranked by Size

Rank	Area	1985 Average
1	Chicago IL	2,939.6
2	Detroit MI	1,749.5
3	Minneapolis-St. Paul MN	1,213.0
4	**Cleveland OH**	**869.3**
5	Milwaukee WI	662.1
6	**Cincinnati OH**	**628.2**
7	**Columbus OH**	**606.5**
8	Indianapolis IN	554.4
9	**Dayton-Springfield OH**	**407.8**
10	Grand Rapids MI	293.4
11	**Toledo OH**	**264.4**
12	**Akron OH**	**258.3**
13	Gary-Hammond IN	215.6
14	Lansing-East Lansing MI	188.6
15	Madison WI	188.2
16	**Youngstown-Warren OH**	**183.9**
17	Lake County IL	172.8
18	Flint MI	171.2
19	Fort Wayne IN	166.1
20	**Canton OH**	**152.2**
21	Ann Arbor MI	149.2
22	Davenport-Rock Island- Moline IL	147.9
23	Saginaw-Bay City-Midland MI	145.1
24	Appleton-Oshkosh-Neenah WI	135.7
25	Peoria IL	129.8
26	Aurora-Elgin IL	127.0
27	Evansville IN	121.7
28	Rockford IL	119.6
29	South Bend-Mishawaka IN	103.9
30	Kalamazoo MI	97.2
31	Joliet IL	91.9
32	Springfield IL	91.0
33	Elkhart-Goshen IN	87.7
34	Green Bay WI	87.5
35	Duluth MN	83.8
36	Champaign-Urbana- Rantoul IL	76.9
37	Racine WI	66.2
38	St. Cloud MN	61.2
39	Lafayette IN	59.4
40	Benton Harbor MI	59.0
41	Muskegon MI	55.2
42	Rochester MN	55.1
43	Battle Creek MI	54.2
44	Janesville-Beloit WI	52.5
45	Terre Haute IN	51.6
46	Bloomington-Normal IL	51.5
47	Eau Claire WI	50.7
48	Decatur IL	49.5
49	Jackson MI	48.2
50	Anderson IN	47.8
51	LaCrosse WI	47.6
52	Muncie IN	47.5
53	Sheboygan WI	44.1
54	Wausau WI	42.1
55	Kenosha WI	38.8
56	Kankakee IL	32.2

Seasonally Adjusted Civilian Labor Force & Nonagricultural Wage & Salary Employment Estimates for Ohio[a]

	Estimates (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	Mar. 1986	Feb. 1986	Mar. 1985	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,311	5,357	5,143	-46	168	-0.9	3.3
Employment	4,919	4,890	4,673	29	246	0.6	5.3
Unemployment	392	467	470	-75	-78	-16.1	-16.6
Unemployment Rate	7.4	8.7	9.1				
Employer Survey Data[e]							
Total	4,485	4,482	4,343	3	142	0.1	3.3
Manufacturing	1,118	1,127	1,129	-8	-11	-0.7	-1.0
Durable Goods	762	769	774	-7	-12	-0.9	-1.6
Nondurable Goods	357	358	355	-1	1	-0.3	0.4
Nonmanufacturing	3,366	3,356	3,213	11	153	0.3	4.8
Mining	26	26	27	-1	-1	-1.9	-4.1
Construction	158	159	151	0	7	-0.3	4.6
Transportation and Public Utilities	204	204	203	0	1	-0.1	0.5
Wholesale Trade	254	253	244	1	9	0.4	3.8
Retail Trade	828	824	777	4	52	0.5	6.7
Finance, Insurance, and Real Estate	225	224	216	1	9	0.3	4.1
Services	997	993	934	4	63	0.4	6.8
Government	675	673	662	2	13	0.2	2.0
Goods Producing Industries[f]	1,302	1,311	1,308	-9	-5	-0.7	-0.4
Service Producing Industries[g]	3,182	3,171	3,035	12	147	0.4	4.9

[a] Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b] Changes are computed from unrounded numbers. [c] Percentages are computed from unrounded numbers. [d] From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence, provided by the U.S. Bureau of Labor Statistics. [e] From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review. [f] Includes Mining, Construction, and Manufacturing. [g] Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance and Real Estate, Services, and Government.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Civilian Labor Force			Unemployment Rate			Total Nonagricultural			
							Manufacturing		
Total	Employed	Unemployed	Ohio	U.S.				Durable	Nondurable
					1984				
5,015	4,510	505	10.1	7.8	March	4,206	1,118	766	352
5,036	4,536	500	9.9	7.8	April	4,219	1,123	771	353
5,091	4,567	524	10.3	7.5	May	4,236	1,126	773	354
5,087	4,617	470	9.2	7.2	June	4,253	1,129	775	354
5,143	4,711	432	8.4	7.5	July	4,267	1,133	778	354
5,104	4,617	487	9.5	7.5	August	4,288	1,138	783	355
5,126	4,663	463	9.0	7.4	September	4,289	1,130	775	354
5,121	4,648	473	9.2	7.3	October	4,306	1,132	777	356
5,082	4,638	444	8.7	7.1	November	4,321	1,135	780	356
5,124	4,656	468	9.1	7.2	December	4,327	1,137	781	355
					1985				
5,111	4,667	444	8.7	7.4	January	4,323	1,134	779	355
5,135	4,678	457	8.9	7.3	February	4,328	1,133	778	356
5,143	4,673	470	9.1	7.3	March	4,343	1,129	774	355
5,148	4,684	464	9.0	7.3	April	4,358	1,127	772	355
5,071	4,659	412	8.1	7.3	May	4,376	1,127	772	355
5,065	4,623	442	8.7	7.3	June	4,367	1,123	769	354
5,100	4,626	474	9.3	7.3	July	4,376	1,118	767	351
5,104	4,645	459	9.0	7.1	August	4,384	1,116	763	353
5,154	4,678	476	9.2	7.1	September	4,394	1,110	757	353
5,154	4,688	466	9.0	7.1	October	4,410	1,115	763	353
5,181	4,723	458	8.8	7.0	November	4,430	1,121	767	354
5,186	4,749	437	8.4	6.9	December	4,449	1,126	772	354
					1986				
5,226	4,758	468	9.0	6.7	January	4,483	1,130	774	357
5,357	4,890	[illegible]	8.7	7.3	February	4,482	1,127	769	358
5,311	4,919	392	7.4	7.2	March	4,485	1,118	762	357

Ohio Nonmanufacturing Wage & Salary Employment

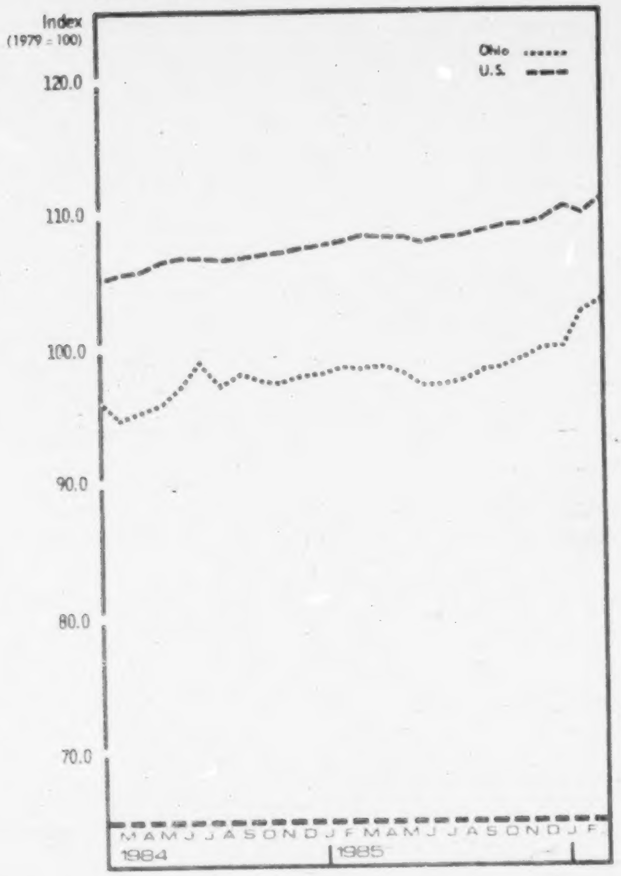
(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance, & Real Estate	Services	Government
					1984				
3,088	28	136	205	233	March	735	210	890	652
3,096	28	139	205	234	April	737	210	891	653
3,110	28	141	205	235	May	739	211	895	652
3,124	28	145	204	237	June	744	211	904	651
3,134	28	146	204	238	July	749	212	907	651
3,151	28	147	204	239	August	754	212	913	654
3,160	28	147	203	239	September	756	212	913	660
3,174	28	150	204	240	October	760	213	918	661
3,186	28	149	203	241	November	768	214	922	661
3,190	27	151	203	242	December	767	214	925	660
					1985				
3,189	27	151	203	243	January	770	215	927	654
3,195	27	148	203	244	February	771	215	929	658
3,213	27	151	203	244	March	777	216	934	662
3,231	27	154	203	245	April	781	216	943	663
3,249	27	156	203	246	May	787	218	950	664
3,244	26	152	202	245	June	788	218	949	663
3,259	26	153	202	246	July	792	219	955	666
3,268	26	155	201	247	August	795	219	959	667
3,284	26	155	202	248	September	798	220	964	670
3,294	26	156	203	249	October	803	221	968	669
3,309	26	156	203	250	November	806	222	975	670
3,323	26	158	204	251	December	809	222	984	670
					1986				
3,353	27	160	204	252	January	820	223	991	677
3,356	26	159	204	253	February	824	224	993	673
3,366	26	158	204	254	March	828	225	997	675

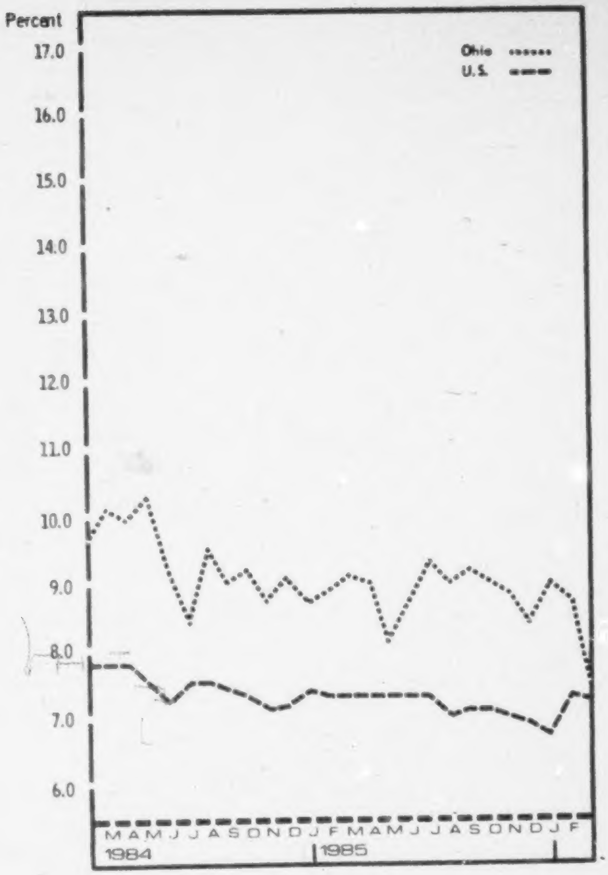
---

[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 8. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review.

INDEXES OF TOTAL EMPLOYMENT OHIO AND U.S. (Seasonally Adjusted)



UNEMPLOYMENT RATES OHIO AND U.S. (Seasonally Adjusted)



EMPLOYMENT IN DIVISION LEVEL INDUSTRIES

(Seasonally Adjusted)